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THE THERMODYNAMIC PROPERTIES OF HELIUM FROM 6 TO 540° R BETWEEN 10 AND 1500 PSIA

DOUGLAS B. MANN



U. S. DEPARTMENT OF COMMERCE
NATIONAL BUREAU OF STANDARDS

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PREFACE

This is a supplementary edition of the National Bureau of Standards Technical Note No. 154, and presents the same data in the dimensional units of the British system. The original text has been included to indicate the methods used to generate the property tables. Pressure and temperature ranges have been modified slightly to allow the use of integer increments. In addition, a 10 psia isobar has been included. Computations were performed in the metric unit system and converted using the following relations:

Pressure atm x 14.696006 = psia

Specific Volume cc/gram x 0.016018 = ft^3/lb

Temperature $^{\circ}\text{K}$ x 1.8 = $^{\circ}\text{R}$

Enthalpy cal/gram x 1.798823 = Btu/lb

Internal Energy. cal/gram x 1.798823 = Btu/lb

Entropy. cal/gram - $^{\circ}\text{K}$ x .999346 = Btu/lb - $^{\circ}\text{R}$

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BETWEEN 10 AND 1500 PSIA

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ABSTRACT

The specific volume, enthalpy, entropy, and internal energy values of helium are presented in tabular form as functions of pressure and temperature.

Data are tabulated in two degree Rankin increments for thirty-six isobars between 10 psia and 1500 psia. A comparison with previously published data is made where applicable.

An expression is presented which represents the pressure-density-temperature surface based on previously published data.

The tabulation is presented in the dimensional units of the British system, but is also available in the dimensional units of the metric system.

1. INTRODUCTION

Recent developments in the field of cryogenic engineering, such as the low temperature operation of masers and magnets, require increasingly accurate representations of the properties of the gases used as refrigerants. Helium, in particular, is used exclusively to provide continuous refrigeration in the temperature range 3.5° to 13° K, and is being considered as a prime refrigerant to temperature levels up to 40° K. Refrigeration methods are also becoming more complex and efficient, reflecting the advances in the design and construction of equipment such as heat exchangers and expansion machines. To determine the performance of these more advanced refrigeration systems, it is necessary to have available a continuous and consistent set of the thermodynamic properties of helium extending from 3° K to ambient temperatures.

These property data must necessarily reflect the most recent experimental measurements.

1.1 DATA CONSIDERED IN GENERATING THIS TABULATION

The work of Keesom [1942] assembled and in most cases correlated the property data reported by experimentalists up to and including 1941. Akin [1950] , using the Beattie-Bridgeman equation of state and data derived from Keesom [1942] , presented thermodynamic properties for helium to temperatures extending from 590° K down to about 12° K and to quite high gas densities.

Lounasmaa [1958] provided experimental data which indicated the virial form of the equation of state used by Keesom [1942] was somewhat inadequate in representing the properties for densities greater than the critical density at temperatures below 20° K. Mann and Stewart [1959] correlated these data of Lounasmaa [1958] with those of Keesom [1942] , Berman and Mate [1958] , and Domb and Dugdale [1957] . The results of this correlation were presented in graphical form for the temperature region 3° to 20° K.

The work of Edeskuty and Sherman [1958] provided experimental data at 4.2° K and below and up to densities in excess of three times the critical density.

The purpose of this work is to correlate the applicable data of these more recent investigators with those of Keesom [1942] to give a continuous representation of properties extending from 3°K to 300°K and pressures to 100 atmospheres.

2.0 SYMBOLS

The following is a list of symbols and definitions used in this report:

C_p^* - molar specific heat of helium gas at very low pressures.
Assumed to be numerically equal to $5/2 R$ $j/gm\text{-mole}^{-1}K$.

C_{sat} - specific heat of liquid helium at saturation conditions, -
 $j/gm\text{-mole}^{-1}K$.

ρ - mass concentration (density) - gm-moles/liter.

H - enthalpy - $j/gm\text{-mole}$.

H_0 - enthalpy value of liquid helium at the conditions $T = 0^{\circ}K$,
 $P = \text{zero}$.

H_L - enthalpy value at the conditions $T = 4.2144^{\circ}K$ (normal boiling point, T_{55E}), $P = \text{one atmosphere}$, saturated liquid.

P - absolute pressure - atmospheres.

S - entropy - $j/gm\text{-mole}^{-1}K$.

S_0 - entropy of liquid helium at the conditions $T = 0^{\circ}K$, and $P = \text{zero}$, assumed to be numerically equal to zero.

S_L - entropy value at the conditions $T = 4.2144^{\circ}K$, (normal boiling point, T_{55E}), $P = \text{one atmosphere}$, saturated liquid.

T - temperature - degrees Kelvin.

U - internal energy - $j/gm\text{-mole}$.

V - molar volume - liters/gm-mole.

Z - compressibility factor $\equiv \frac{P}{\rho RT}$

3.0 CONSTANTS AND CONVERSION FACTORS

The temperature scale used in this report is that designated by the symbol T_{55E} [Clement, Logan and Gaffney, 1955].

Constants and conversion factors are as follows:

One atmosphere	$= 1.013250(10^6)$ dynes/cm ² .
R (gas constant)	$= 8.20575 \times 10^{-2}$ liter-atm/gm-mole- $^{\circ}$ K. (chemical scale).
One calorie (thermochemical)	$= 4.1840$ Joules
One Joule (j)	$= 9.86896 \times 10^{-3}$ liter-atm.
One liter	$= 1000.028$ cm ³ .

4.0 PRESSURE-DENSITY-TEMPERATURE SURFACE

The equation developed to describe the pressure-density-temperature surface is based on the equation of Benedict-Webb-Rubin [1940], as modified for nitrogen by Strobridge [1962] and further modified here for helium. With pressure as the dependent variable, the equation is:

$$\begin{aligned}
 P = & R\rho T + \left(R n_1 T + n_2 + \frac{n_3}{T} + \frac{n_4}{T^2} + \frac{n_5}{T^4} \right) \rho^2 + \left(R n_6 T^{+n_7} \right) \rho^3 \\
 & + n_8 \rho^4 + \left(\frac{n_9}{T^2} + \frac{n_{10}}{T^3} + \frac{n_{11}}{T^4} \right) \rho^3 e^{-n_{12} \rho^2 / T} \\
 & + \left(\frac{n_{13}}{T^2} + \frac{n_{14}}{T^3} + \frac{n_{15}}{T^4} \right) \rho^5 e^{-n_{12} \rho^2 / T} + n_{16} \rho^5 + n_{17} \rho^6. \quad (1)
 \end{aligned}$$

Values for the constants are as follows:

$R = 0.820575 (10^{-1})$	$n_9 = -0.5002871627(10^{-2})$
$n_1 = 0.1627693557(10^{-1})$	$n_{10} = 0.3451283837(10^{-1})$
$n_2 = -0.3700903492(10^{-1})$	$n_{11} = 0.1008924438(10^0)$
$n_3 = 0.7567259965(10^{-2})$	$n_{12} = 0.65 (10^{-2})$
$n_4 = -0.1887566673(10^{-1})$	$n_{13} = -0.1851562535(10^{-4})$
$n_5 = 0.4792344640(10^{-1})$	$n_{14} = 0.4204351888(10^{-4})$
$n_6 = 0.1560344984(10^{-3})$	$n_{15} = -0.1712445150(10^{-3})$
$n_7 = 0.9274298542(10^{-3})$	$n_{16} = 0.7739390202(10^{-6})$
$n_8 = -0.2833997045(10^{-4})$	$n_{17} = -0.2870693948(10^{-8})$

A least squares method developed by Jones [1962] and programmed for use on a digital computer was used to determine the values of these constants. Because the constant n_{12} appears in the exponential term, it was necessary to select several values for this constant and solve for the set of constants which gave the minimum in the sum of squares of deviations. The resulting best fit for the data was only slightly affected by changes in the value of the constant n_{12} , but it was found necessary to carry the maximum number of places in the derived constants to assure internal consistency and reproducibility.

Data used for the least squares treatment consisted of 695 pressure, density, and temperature points. These points were taken from the following published works:

Berman and Mate [1958]. Thirty-eight data points were used to describe the saturated vapor and saturated liquid conditions. Temperatures range from 2.2° to 5.18°K .

Edeskuty and Sherman [1958]. Eighty-eight data points were used to describe the compressed liquid region from 2.2° to 4.2°K . Pressures range from one to 140 atmospheres and the highest density values are in excess of three times the critical density.

Hill and Lounasmaa [1960]. A total of 258 experimental data points were used to describe the rather broad temperature and pressure region from about 2.5° to 20°K . Pressures range from one to 102

atmospheres with density values extending to three times the critical density.

Keesom [1942]. The virial equation of state and the values for the coefficients adopted by Keesom were used to obtain 311 pressure-density-temperature points along twenty-nine isotherms extending from 3.1 to 574°K. Pressure-density-temperature points having densities greater than the critical density were excluded because of the divergence of the equation of state values for pressure from the experimental values of Hill and Lounasmaa [1960] in the region of the 20°K isotherm.

Except for the two-phase region described by Berman and Mate [1958] overlapping of the data regions was extensive.

5.0 DERIVED FUNCTIONS

The property functions of enthalpy, entropy, and internal energy for the single phase fluid region were calculated using only the equation for the pressure-density-temperature surface (1). This procedure was necessary in the absence of specific heat measurements over the entire range of interest. Equations used to calculate these properties are shown below. For a complete derivation of the equations, the reader is referred to Beattie [1955].

$$H = H_0^o + \int_{T=0}^T C_p^* dT + (Z-1) RT + \int_0^{\rho} \left[\frac{P}{\rho^2} - \frac{T}{\rho^2} \left(\frac{\partial P}{\partial T} \right)_{\rho} \right] d\rho \quad (2)$$

$$S = S_0^o + \int_{T=0}^T \frac{C_p^*}{T} dT - R \ell \ln \frac{P}{Z} + \int_0^{\rho} \left[\frac{R}{\rho} - \frac{1}{\rho^2} \left(\frac{\partial P}{\partial T} \right)_{\rho} \right] d\rho \quad (3)$$

$$U = H - \frac{P}{\rho} . \quad (4)$$

For the particular case of helium:

$$H_0^o = (H_L - H_0) + L_v - \left[(Z - 1) RT + \int_0^{\rho} \left[\frac{P}{\rho^2} - \frac{T}{\rho^2} \left(\frac{\partial P}{\partial T} \right)_{\rho} \right] d\rho \right] , \quad (5)$$

$$S_0^o = (S_L - S_0) + \frac{L_v}{T} - \left[-R \ln \frac{P}{Z} + \int_0^P \left[\frac{R}{\rho} - \frac{1}{\rho^2} \left(\frac{\partial P}{\partial T} \right)_\rho \right] d\rho \right]. \quad (6)$$

Equations (5) and (6) are evaluated at the normal boiling point temperature of 4.2144°K and the density of saturated vapor at this temperature. L_v is the heat of vaporization at this temperature, based on Berman and Mate [1958]. The calculations indicated by (5) and (6) result in values for S_0^o and H_0^o of 9.2609 j/gm-mole °K and 36.5582 j/gm-mole respectively.

The values of enthalpy, entropy, and internal energy of the saturated liquid given in Table I were taken from Mann and Stewart [1959]. These values were found by graphically integrating the expressions:

$$H - H_0 = \int_{T=0}^T C_{sat} dT + \int_{P=0}^P \frac{dP}{\rho}, \quad (7)$$

$$S - S_0 = \int_{T=0}^T \frac{C_{sat}}{T} dT. \quad (8)$$

The specific heat of saturated liquid (C_{sat}) was taken from Hill and Lounasmaa [1957].

Properties at the saturated vapor condition given in Table I were found using (7) and (8) and the heat of vaporization data of Berman and Mate [1958].

Values for internal energy were computed from (4).

Equation (1) was developed starting with the work of Lounasmaa [1959]. This publication presented the derived constants for the Benedict-Webb-Rubin equation of state using the data obtained experimentally by Hill and Lounasmaa [1960]. As the data range was extended to include the region defined by this report, the Benedict-Webb-Rubin equation was also modified as necessary. The temperature-pressure region 4.8° to 5.8°K and 1.8 to 2.8 atmospheres was less accurately reproduced as this modification proceeded to the form

TABLE 1
Properties of Helium
Two Phase Liquid-Vapor Region

Temper- ature °K	Pressure Atmos- pheres	Saturated Vapor				Saturated Liquid			
		v cc/gm	h j/gm	u j/gm	s j/gm-°K	v cc/gm	h j/gm	u j/gm	s j/gm-°K
3.00	0.241	224.11	28.96	23.49	10.247	7.0852	5.30	5.13	2.356
3.20	0.320	174.83	29.48	23.81	9.911	7.1849	5.85	5.62	2.527
3.40	0.416	138.70	29.93	24.08	9.606	7.3025	6.47	6.16	2.690
3.60	0.529	111.48	30.34	24.36	9.322	7.4388	7.18	6.78	2.883
3.80	0.661	90.50	30.59	24.53	9.021	7.5965	7.93	7.40	3.059
4.00	0.814	73.86	30.72	24.63	8.736	7.7785	8.81	8.17	3.255
4.20	0.990	60.61	30.79	24.71	8.443	7.9885	9.85	9.05	3.460
4.40	1.190	49.80	30.65	24.65	8.150	8.2305	10.96	9.97	3.674
4.60	1.417	40.72	30.32	24.47	7.845	8.5470	12.33	11.10	3.920
4.80	1.672	32.87	29.49	23.92	7.473	9.0334	13.88	12.35	4.188
5.00	1.959	25.67	28.02	22.92	7.000	9.9404	16.00	14.03	4.598

of (1). The reason for this decrease in accuracy was the inability of the developed equation to represent exactly the form of the critical isotherm at or near the critical pressure.

The effect of this problem was two-fold. Properties defined by (1), (2), (3), and (4) in this temperature and pressure region were found to have substantial errors. In addition, the integration, indicated by (2) and (3), for the values of derived properties at densities greater than the critical density and at pressures greater than 2.8 atmospheres resulted in substantial errors at temperatures near the critical point.

To eliminate these errors, the properties were derived using (1), (2), (3), and (4) for temperatures of 6°K and above for densities greater than critical density and for temperatures approaching the saturated vapor conditions at densities less than the critical density.

Equations (2) and (3) were then modified so as to substitute for the lower limit of integration the values for the properties along the saturated liquid region. Equations (9) and (10) indicate this modification and with (4) are the equations used to derive properties at pressures greater than the critical pressure and at temperatures less than 6°K.

$$\Delta S = \int_{\rho_{sat}}^{\rho} \left[-\frac{1}{\rho^2} \left(\frac{\partial P}{\partial T} \right)_{\rho} \right]_T d\rho \quad (9)$$

$$\Delta H = \frac{P}{\rho} - \left(\frac{P}{\rho_{sat}} \right) + \int_{\rho_{sat}}^{\rho} \left[\frac{P}{\rho^2} - \frac{T}{\rho^2} \left(\frac{\partial P}{\partial T} \right)_{\rho} \right]_T d\rho \quad (10)$$

Isobars were then plotted graphically on temperature-entropy and temperature-enthalpy coordinates. The entropy change along the isochore 30.93 gm-mole/liter was computed from 4.75° to 10°K using the specific heat data of Hill and Lounasmaa [1960] and the expression:

$$\Delta S = \int_{T_1}^{T_2} \frac{C_v}{T} dT. \quad (11)$$

The intersections of the isobars with this isochore given by Hill and Lounasmaa [1960] were noted as the temperature was increased.

A correction for the properties along the 5° and 6°K isotherms was determined and the tabulated data were adjusted to be consistent with the above-described specific heat data of Hill and Lounasmaa [1960]. In addition, the two-atmosphere isobar was plotted from Hill and Lounasmaa [1960] in the region of the critical values and the tabulated properties obtained directly from this plot.

6.0 TABULATED THERMODYNAMIC PROPERTIES

Values taken from the pressure-density-temperature surface described by (1) and the derived properties found from (2) through (11) are listed as functions of pressure and temperature on succeeding pages. Forty isobars are presented covering the range 0.5 to 100 atmospheres. One degree increments of temperature are given except at the two-phase boundaries, and, in general, extend from 3° to 300°K. Values listed in the tables are specific not molar quantities. The molecular weight of helium was taken as 4.0028.

It was found that a better representation of the pressure-density-temperature surface could be achieved by considering a number of restricted ranges of temperature and pressure when defining the constants of (1), but this procedure would then require the fitting and smoothing of several property surfaces. It was felt that the surface matching would not increase the accuracy of the tabulated values over the entire range of interest by a factor that could justify the extensive data manipulation required.

7.0 DISCUSSION

The pressure-density-temperature surface described by (1) and the tabulated derived functions fit the original data to varying degrees of accuracy depending on the temperature and pressure region considered. In general, the ability of (1) to reproduce the original data is less accurate in the regions of phase change, and in particular, in the region of the critical point. As mentioned above, the liquid-vapor region was handled graphically in an attempt to reduce the error in this region.

In the temperature region 10° to 300°K the accuracy of the tabulated values of pressure, density, enthalpy, and entropy is estimated to be within 3% while internal energy values may vary somewhat more.

Below 10°K and at low pressures the properties of enthalpy, entropy, internal energy, and pressure are accurate to an estimated error of 3% while density may have an uncertainty of as much as 5%. At higher pressures the density is defined to within the estimated 3% but the pressures may be in error as much as 5%.

Values for the specific heats of helium derived from the tables are estimated to be within 5% in the temperature range 10 to 300°K. It is not recommended that specific heats be extracted from the tables at temperature levels below 10°K.

Figure 1 summarizes the deviations in enthalpy when the values of this paper are compared with enthalpy values of previously published works.

$$\text{Deviation (\%)} = 100 \text{ (Obs. - Calc.)/(Obs.)}$$

The number of places carried in the tables is not a reflection of the estimated accuracy but is necessary to provide internal consistency during the calculation of refrigeration systems.

Tabulated values of the properties are presented in the dimensional units of the metric system. Values in the units of the British system are available as Supplement A to this report [Mann 1962].

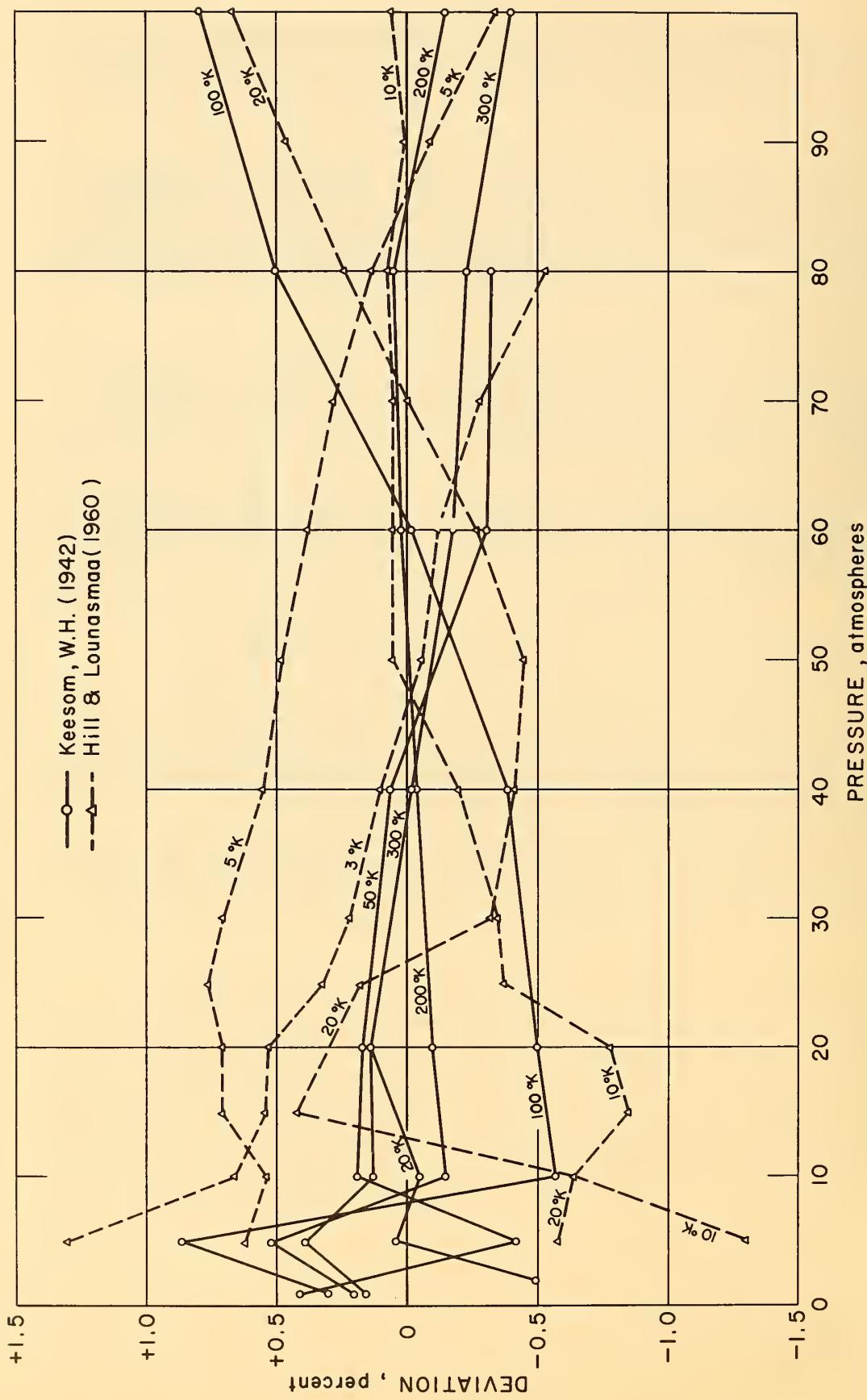


Figure 1. Enthalpy Deviation Plot

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TABLE 2
Properties of Helium
(British Units)
Two Phase Liquid-Vapor Region

Temper- ature R°	Pressure (psia)	Saturated Vapor				Saturated Liquid			
		v ft ³ /lb	h Btu/lb	u Btu/lb	s Btu/lb-R° ft ³ /lb	v Btu/lb-R° ft ³ /lb	h Btu/lb	u Btu/lb	s Btu/lb-R°
6.00	5.58	2.395	12.81	10.34	2.315	.1164	2.70	2.58	0.630
6.20	6.44	2.108	12.91	10.40	2.271	.1175	2.81	2.67	0.653
6.40	7.35	1.865	12.99	10.45	2.231	.1187	3.02	2.86	0.675
6.60	8.35	1.661	13.06	10.49	2.195	.1200	3.20	3.01	0.700
6.80	9.44	1.480	13.13	10.55	2.160	.1214	3.38	3.17	0.725
7.00	10.64	1.321	13.17	10.57	2.125	.1230	3.58	3.34	0.750
7.20	11.93	1.181	13.21	10.60	2.095	.1246	3.79	3.51	0.778
7.40	13.31	1.059	13.23	10.62	2.050	.1264	4.01	3.70	0.805
7.60	14.80	0.949	13.23	10.63	2.010	.1283	4.28	3.93	0.831
7.80	16.43	0.849	13.21	10.63	1.970	.1304	4.56	4.16	0.861
8.00	18.13	0.763	13.15	10.59	1.928	.1328	4.84	4.39	0.890
8.20	19.90	0.685	13.05	10.53	1.886	.1356	5.16	4.66	0.902
8.40	21.85	0.610	12.90	10.43	1.841	.1391	5.50	4.94	0.957
8.60	23.91	0.541	12.72	10.33	1.794	.1437	5.88	5.24	0.996
8.80	26.28	0.478	12.45	10.13	1.738	.1499	6.34	5.61	1.042
9.00	28.53	0.412	12.05	9.88	1.672	.1592	6.88	6.04	1.098

TABLE 3
Tabulation of Thermodynamic Properties

10.00 PSIA ISOBAR

TEMPERATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB-R)	ENTROPY (BTU/LB-R)	TEMPERATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)
122.00		32.7471	157.64	97.03	5.849				
124.00		33.2837	160.12	98.52	5.869				
126.00		33.8203	162.60	100.01	5.889				
128.00		34.3569	165.08	101.50	5.908				
130.00		34.8935	167.56	102.99	5.927				
132.00		35.4301	170.04	104.48	5.946				
134.00		35.9667	172.53	105.97	5.965				
136.00		36.5032	175.01	107.46	5.983				
138.00		37.0398	177.49	108.94	6.002				
140.00		37.5763	179.97	110.43	6.019				
6.00	.1156	2.76	2.55	.625	142.00	38.1128	182.45	111.92	6.037
* 6.894	.1221	3.46	3.23	.735	144.00	38.6493	184.93	113.41	6.054
* 6.894	1.4074	13.14	10.53	2.147	146.00	39.1859	187.42	114.90	6.071
8.00	1.7856	14.77	11.47	2.367	148.00	39.7224	189.90	116.39	6.088
10.00	2.4185	17.61	13.13	2.684	152.00	40.7953	194.86	119.37	6.121
12.00	3.0142	20.31	14.73	2.930	154.00	41.3318	197.34	120.85	6.138
14.00	3.5908	22.94	16.30	3.133	156.00	41.8683	199.82	122.34	6.154
16.00	4.1563	25.53	17.84	3.306	158.00	42.4047	202.30	123.83	6.169
18.00	4.7150	28.10	19.37	3.458	160.00	42.9412	204.79	125.32	6.185
20.00	5.2689	30.65	20.89	3.592					
22.00	5.8195	33.18	22.41	3.713	162.00	43.4777	207.27	126.81	6.200
24.00	6.3677	35.70	23.92	3.822	164.00	44.0141	209.75	128.30	6.216
26.00	6.9140	38.22	25.43	3.923	166.00	44.5505	212.23	129.79	6.231
28.00	7.4588	40.74	26.93	4.016	168.00	45.0870	214.71	131.27	6.246
30.00	8.0025	43.24	28.43	4.103	170.00	45.6234	217.19	132.76	6.260
32.00	8.5452	45.75	29.93	4.184	172.00	46.1598	219.67	134.25	6.275
34.00	9.0872	48.25	31.43	4.259	174.00	46.6962	222.15	135.74	6.289
36.00	9.6285	50.75	32.93	4.331	176.00	47.2327	224.64	137.23	6.303
38.00	10.1693	53.25	34.43	4.398	178.00	47.7691	227.12	138.72	6.317
40.00	10.7096	55.74	35.92	4.462	180.00	48.3055	229.60	140.20	6.331
42.00	11.2496	58.24	37.42	4.523	182.00	48.8419	232.08	141.69	6.345
44.00	11.7892	60.73	38.91	4.581	184.00	49.3783	234.56	143.18	6.358
46.00	12.3285	63.22	40.41	4.637	186.00	49.9147	237.04	144.67	6.372
48.00	12.8675	65.71	41.90	4.690	188.00	50.4510	239.52	146.16	6.385
50.00	13.4063	68.20	43.39	4.740	190.00	50.9874	242.00	147.65	6.398
52.00	13.9450	70.69	44.89	4.789	192.00	51.5238	244.48	149.14	6.411
54.00	14.4834	73.18	46.38	4.836	194.00	52.0602	246.96	150.62	6.424
56.00	15.0217	75.67	47.87	4.881	196.00	52.5966	249.45	152.11	6.437
58.00	15.5599	78.16	49.36	4.925	198.00	53.1329	251.93	153.60	6.449
60.00	16.0979	80.64	50.85	4.967	200.00	53.6693	254.41	155.09	6.462
62.00	16.6358	83.13	52.34	5.008	202.00	54.2056	256.89	156.58	6.474
64.00	17.1736	85.62	53.84	5.048	204.00	54.7420	259.37	158.07	6.486
66.00	17.7113	88.10	55.33	5.086	206.00	55.2784	261.85	159.55	6.499
68.00	18.2489	90.59	56.82	5.123	208.00	55.8147	264.33	161.04	6.511
70.00	18.7864	93.07	58.31	5.159	210.00	56.3511	266.81	162.53	6.522
72.00	19.3239	95.56	59.80	5.194	212.00	56.8874	269.29	164.02	6.534
74.00	19.8613	98.04	61.29	5.228	214.00	57.4238	271.77	165.51	6.546
76.00	20.3986	100.53	62.78	5.261	216.00	57.9601	274.26	167.00	6.557
78.00	20.9359	103.01	64.27	5.293	218.00	58.4964	276.74	168.48	6.569
80.00	21.4731	105.50	65.76	5.325	220.00	59.0328	279.22	169.97	6.580
82.00	22.0103	107.98	67.25	5.355	222.00	59.5691	281.70	171.46	6.591
84.00	22.5474	110.46	68.74	5.385	224.00	60.1055	284.18	172.95	6.602
86.00	23.0345	112.95	70.23	5.415	226.00	60.6418	286.66	174.44	6.614
88.00	23.6215	115.43	71.72	5.443	228.00	61.1781	289.14	175.93	6.624
90.00	24.1505	117.91	73.21	5.471	230.00	61.7144	291.62	177.41	6.635
92.00	24.6955	120.40	74.70	5.498	232.00	62.2508	294.10	178.90	6.646
94.00	25.2325	122.88	76.19	5.525	234.00	62.7871	296.58	180.39	6.657
96.00	25.7694	125.36	77.68	5.551	236.00	63.3234	299.06	181.88	6.667
98.00	26.3062	127.85	79.17	5.577	238.00	63.8597	301.54	183.37	6.678
100.00	26.8431	130.33	80.65	5.602	240.00	64.3960	304.03	184.86	6.688
102.00	27.3799	132.81	82.14	5.626	242.00	64.9324	306.51	186.34	6.698
104.00	27.9167	135.30	83.63	5.651	244.00	65.4687	308.99	187.83	6.709
106.00	28.4535	137.78	85.12	5.674	246.00	66.0050	311.47	189.32	6.719
108.00	28.9903	140.26	86.61	5.697	248.00	66.5413	313.95	190.81	6.729
110.00	29.5270	142.74	88.10	5.720	250.00	67.0776	316.43	192.30	6.739
112.00	30.0637	145.22	89.59	5.742	252.00	67.6139	318.91	193.79	6.749
114.00	30.6004	147.71	91.08	5.764	254.00	68.1502	321.39	195.27	6.758
116.00	31.1371	150.19	92.57	5.786	256.00	68.6865	323.87	196.76	6.768
118.00	31.6738	152.67	94.06	5.807	258.00	69.2228	326.35	198.25	6.778
120.00	32.2105	155.15	95.55	5.828	260.00	69.7591	328.83	199.74	6.787

* PHASE CHANGE

TEMPERATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB-R)	ENTROPY (BTU/LB-R)	TEMPERATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB-R)	ENTROPY (BTU/LB)
262.00	70.2954	331.31	201.23	6.797	402.00	107.8339	504.96	305.40	7.328
264.00	70.8317	333.79	202.71	6.806	404.00	108.3702	507.44	306.89	7.334
266.00	71.3680	336.28	204.20	6.816	406.00	108.9064	509.92	308.38	7.340
268.00	71.9043	338.76	205.69	6.825	408.00	109.4427	512.40	309.87	7.346
270.00	72.4406	341.24	207.18	6.834	410.00	109.9789	514.88	311.35	7.352
272.00	72.9769	343.72	208.67	6.843	412.00	110.5151	517.36	312.84	7.358
274.00	73.5132	346.20	210.16	6.852	414.00	111.0514	519.84	314.33	7.364
276.00	74.0495	348.68	211.64	6.861	416.00	111.5876	522.32	315.82	7.370
278.00	74.5857	351.16	213.13	6.870	418.00	112.1239	524.80	317.31	7.376
280.00	75.1220	353.64	214.62	6.879	420.00	112.6601	527.28	318.79	7.382
282.00	75.6583	356.12	216.11	6.888	422.00	113.1963	529.76	320.28	7.388
284.00	76.1946	358.60	217.60	6.897	424.00	113.7326	532.24	321.77	7.394
286.00	76.7309	361.08	219.09	6.906	426.00	114.2688	534.72	323.26	7.400
288.00	77.2672	363.56	220.57	6.914	428.00	114.8051	537.20	324.75	7.406
290.00	77.8034	366.04	222.06	6.923	430.00	115.3413	539.68	326.24	7.411
292.00	78.3397	368.52	223.55	6.931	432.00	115.8775	542.16	327.72	7.417
294.00	78.8760	371.00	225.04	6.940	434.00	116.4138	544.64	329.21	7.423
296.00	79.4123	373.49	226.53	6.948	436.00	116.9500	547.12	330.70	7.429
298.00	79.9486	375.97	228.01	6.957	438.00	117.4863	549.61	332.19	7.434
300.00	80.4848	378.45	229.50	6.965	440.00	118.0225	552.09	333.68	7.440
302.00	81.0211	380.93	230.99	6.973	442.00	118.5857	554.57	335.16	7.445
304.00	81.5574	383.41	232.48	6.981	444.00	119.0950	557.05	336.65	7.451
306.00	82.0936	385.89	233.97	6.989	446.00	119.6312	559.53	338.14	7.457
308.00	82.6299	388.37	235.46	6.997	448.00	120.1674	562.01	339.63	7.462
310.00	83.1662	390.85	236.94	7.006	450.00	120.7037	564.49	341.12	7.468
312.00	83.7025	393.33	238.43	7.013	452.00	121.2399	566.97	342.60	7.473
314.00	84.2387	395.81	239.92	7.021	454.00	121.7761	569.45	344.09	7.479
316.00	84.7750	398.29	241.41	7.029	456.00	122.3124	571.93	345.58	7.484
318.00	85.3113	400.77	242.90	7.037	458.00	122.8486	574.41	347.07	7.490
320.00	85.8475	403.25	244.39	7.045	460.00	123.3848	576.89	348.56	7.495
322.00	86.3838	405.73	245.87	7.053	462.00	123.9211	579.37	350.05	7.500
324.00	86.9201	408.21	247.36	7.060	464.00	124.4573	581.85	351.53	7.506
326.00	87.4563	410.69	248.85	7.068	466.00	124.9935	584.33	353.02	7.511
328.00	87.9926	413.18	250.34	7.076	468.00	125.5298	586.81	354.51	7.516
330.00	88.5289	415.66	251.83	7.083	470.00	126.0660	589.29	356.00	7.522
332.00	89.0651	418.14	253.31	7.091	472.00	126.6022	591.77	357.49	7.527
334.00	89.6014	420.62	254.80	7.098	474.00	127.1385	594.25	358.97	7.532
336.00	90.1376	423.10	256.29	7.105	476.00	127.6747	596.73	360.46	7.537
338.00	90.6739	425.58	257.78	7.113	478.00	128.2109	599.22	361.95	7.543
340.00	91.2102	428.06	259.27	7.120	480.00	128.7472	601.70	363.44	7.548
342.00	91.7464	430.54	260.76	7.127	482.00	129.2834	604.18	364.93	7.553
344.00	92.2827	433.02	262.24	7.135	484.00	129.8196	606.66	366.42	7.558
346.00	92.8189	435.50	263.73	7.142	486.00	130.3559	609.14	367.90	7.563
348.00	93.3552	437.98	265.22	7.149	488.00	130.8921	611.62	369.39	7.568
350.00	93.8914	440.46	266.71	7.156	490.00	131.4283	614.10	370.88	7.573
352.00	94.4277	442.94	268.20	7.163	492.00	131.9646	616.58	372.37	7.578
354.00	94.9640	445.42	269.68	7.170	494.00	132.5008	619.06	373.86	7.583
356.00	95.5002	447.90	271.17	7.177	496.00	133.0370	621.54	375.34	7.588
358.00	96.0365	450.38	272.66	7.184	498.00	133.5732	624.02	376.83	7.593
360.00	96.5727	452.86	274.15	7.191	500.00	134.1095	626.50	378.32	7.598
362.00	97.1090	455.35	275.64	7.198	502.00	134.6457	628.98	379.81	7.603
364.00	97.6452	457.83	277.13	7.205	504.00	135.1819	631.46	381.30	7.608
366.00	98.1815	460.31	278.61	7.211	506.00	135.7182	633.94	382.78	7.613
368.00	98.7177	462.79	280.10	7.218	508.00	136.2544	636.42	384.27	7.618
370.00	99.2540	465.27	281.59	7.225	510.00	136.7906	638.90	385.76	7.623
372.00	99.7902	467.75	283.08	7.232	512.00	137.3268	641.38	387.25	7.628
374.00	100.3265	470.23	284.57	7.238	514.00	137.8631	643.86	388.74	7.633
376.00	100.8627	472.71	286.05	7.245	516.00	138.3993	646.34	390.23	7.637
378.00	101.3990	475.19	287.54	7.251	518.00	138.9355	648.82	391.71	7.642
380.00	101.9352	477.67	289.03	7.258	520.00	139.4718	651.30	393.20	7.647
382.00	102.4715	480.15	290.52	7.265	522.00	140.0080	653.79	394.69	7.652
384.00	103.0077	482.63	292.01	7.271	524.00	140.5442	656.27	396.18	7.657
386.00	103.5440	485.11	293.50	7.277	526.00	141.0804	658.75	397.67	7.661
388.00	104.0802	487.59	294.98	7.284	528.00	141.6167	661.23	399.15	7.666
390.00	104.6165	490.07	296.47	7.290	530.00	142.1529	663.71	400.54	7.671
392.00	105.1527	492.55	297.96	7.297	532.00	142.6891	666.19	402.13	7.675
394.00	105.6890	495.03	299.45	7.303	534.00	143.2253	668.67	403.62	7.680
396.00	106.2252	497.51	300.94	7.309	536.00	143.7616	671.15	405.11	7.685
398.00	106.7614	499.99	302.42	7.315	538.00	144.2978	673.63	406.59	7.689
400.00	107.2977	502.48	303.91	7.322	540.00	144.8340	676.11	408.08	7.694

TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)	TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)
122.00	22.2954	157.65	97.01	5.657	124.00	22.6607	160.13	98.50	5.678
126.00	23.0260	162.61	99.99	5.697	128.00	23.3912	165.09	101.48	5.717
130.00	23.7565	167.58	102.97	5.736	132.00	24.1217	170.06	104.46	5.755
134.00	24.4869	172.54	105.95	5.774	136.00	24.8522	175.02	107.44	5.792
138.00	25.2174	177.51	108.92	5.810	140.00	25.5826	179.99	110.41	5.828
6.00	.1147	2.84	2.52	.621	142.00	25.9477	182.47	111.90	5.846
* 7.586	.1283	4.29	3.94	.829	144.00	26.3129	184.95	113.39	5.863
* 7.586	.9733	13.31	10.66	2.031	146.00	26.6781	187.43	114.88	5.880
8.00	1.0818	13.98	11.04	2.117	148.00	27.0432	189.92	116.37	5.897
10.00	1.5565	17.04	12.81	2.459	150.00	27.4084	192.40	117.86	5.914
12.00	1.9848	19.88	14.48	2.718	154.00	28.1387	197.36	120.84	5.947
14.00	2.3915	22.59	16.09	2.928	156.00	28.5038	199.84	122.32	5.963
16.00	2.7863	25.24	17.66	3.104	158.00	28.8689	202.33	123.81	5.978
18.00	3.1738	27.85	19.22	3.258	160.00	29.2340	204.81	125.30	5.994
20.00	3.5564	30.43	20.75	3.394					
22.00	3.9357	32.99	22.28	3.516	162.00	29.5991	207.29	126.79	6.009
24.00	4.3124	35.53	23.81	3.627	164.00	29.9643	209.77	128.28	6.025
26.00	4.6873	38.07	25.32	3.728	166.00	30.3294	212.25	129.77	6.040
28.00	5.0608	40.60	26.83	3.822	168.00	30.6944	214.73	131.26	6.055
30.00	5.4330	43.12	28.34	3.909	170.00	31.0595	217.22	132.75	6.069
32.00	5.8044	45.63	29.85	3.990	172.00	31.4246	219.70	134.23	6.084
34.00	6.1750	48.15	31.35	4.066	174.00	31.7897	222.18	135.72	6.098
36.00	6.5449	50.65	32.85	4.138	176.00	32.1548	224.66	137.21	6.112
38.00	6.9143	53.16	34.36	4.205	178.00	32.5198	227.14	138.70	6.126
40.00	7.2833	55.66	35.85	4.270	180.00	32.8849	229.62	140.19	6.140
42.00	7.6518	58.16	37.35	4.331	182.00	33.2500	232.10	141.68	6.154
44.00	8.0201	60.66	38.85	4.389	184.00	33.6150	234.59	143.17	6.167
46.00	8.3880	63.16	40.35	4.444	186.00	33.9801	237.07	144.65	6.181
48.00	8.7557	65.66	41.84	4.497	188.00	34.3451	239.55	146.14	6.194
50.00	9.1232	68.15	43.34	4.548	190.00	34.7102	242.03	147.63	6.207
52.00	9.4904	70.64	44.83	4.597	192.00	35.0752	244.51	149.12	6.220
54.00	9.8575	73.14	46.33	4.644	194.00	35.4402	246.99	150.61	6.233
56.00	10.2244	75.63	47.82	4.690	196.00	35.8053	249.47	152.10	6.246
58.00	10.5912	78.12	49.31	4.733	198.00	36.1703	251.96	153.59	6.258
60.00	10.9579	80.61	50.81	4.775	200.00	36.5353	254.44	155.07	6.271
62.00	11.3245	83.10	52.30	4.816	202.00	36.9003	256.92	156.56	6.283
64.00	11.6909	85.59	53.79	4.856	204.00	37.2654	259.40	158.05	6.295
66.00	12.0573	88.08	55.28	4.894	206.00	37.6304	261.88	159.54	6.307
68.00	12.4235	90.56	56.78	4.931	208.00	37.9954	264.36	161.03	6.319
70.00	12.7897	93.05	58.27	4.967	210.00	38.3604	266.84	162.52	6.331
72.00	13.1558	95.54	59.76	5.002	212.00	38.7254	269.32	164.01	6.343
74.00	13.5219	98.03	61.25	5.036	214.00	39.0904	271.80	165.49	6.355
76.00	13.8878	100.51	62.74	5.070	216.00	39.4554	274.29	166.98	6.366
78.00	14.2538	103.00	64.23	5.102	218.00	39.8204	276.77	168.47	6.378
80.00	14.6196	105.48	65.72	5.133	220.00	40.1854	279.25	169.96	6.389
82.00	14.9855	107.97	67.21	5.164	222.00	40.5504	281.73	171.45	6.400
84.00	15.3513	110.45	68.71	5.194	224.00	40.9154	284.21	172.94	6.411
86.00	15.7170	112.94	70.20	5.223	226.00	41.2804	286.69	174.42	6.422
88.00	16.0827	115.42	71.69	5.252	228.00	41.6454	289.17	175.91	6.433
90.00	16.4484	117.91	73.18	5.280	230.00	42.0104	291.65	177.40	6.444
92.00	16.8140	120.39	74.67	5.307	232.00	42.3753	294.13	178.89	6.455
94.00	17.1796	122.88	76.16	5.334	234.00	42.7403	296.62	180.38	6.466
96.00	17.5451	125.36	77.65	5.360	236.00	43.1053	299.10	181.87	6.476
98.00	17.9107	127.85	79.14	5.385	238.00	43.4703	301.58	183.36	6.487
100.00	18.2762	130.33	80.63	5.411	240.00	43.8353	304.06	184.84	6.497
102.00	18.6417	132.81	82.12	5.435	242.00	44.2002	306.54	186.33	6.507
104.00	19.0071	135.30	83.61	5.459	244.00	44.5652	309.02	187.82	6.518
106.00	19.3726	137.78	85.10	5.483	246.00	44.9302	311.50	189.31	6.528
108.00	19.7380	140.27	86.59	5.506	248.00	45.2951	313.98	190.80	6.538
110.00	20.1034	142.75	88.08	5.529	250.00	45.6601	316.46	192.29	6.548
112.00	20.4688	145.23	89.56	5.551	252.00	46.0251	318.94	193.77	6.558
114.00	20.8341	147.71	91.05	5.573	254.00	46.3900	321.43	195.26	6.567
116.00	21.1995	150.20	92.54	5.595	256.00	46.7550	323.91	196.75	6.577
118.00	21.5648	152.68	94.03	5.616	258.00	47.1200	326.39	198.24	6.587
120.00	21.9301	155.16	95.52	5.637	260.00	47.4849	328.87	199.73	6.596

PHASE CHANGE

TEMPERATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB-R)	ENTROPY (BTU/LB-R)	TEMPERATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)
262.00	47.8499	331.35	201.22	6.606	402.00	73.3946	505.00	305.39	7.137
264.00	48.2148	333.83	202.70	6.615	404.00	73.7595	507.48	306.88	7.143
266.00	48.5798	336.31	204.19	6.625	406.00	74.1244	509.96	308.37	7.149
268.00	48.9448	338.79	205.68	6.634	408.00	74.4893	512.44	309.86	7.155
270.00	49.3097	341.27	207.17	6.643	410.00	74.8542	514.92	311.35	7.161
272.00	49.6747	343.75	208.66	6.652	412.00	75.2191	517.40	312.83	7.167
274.00	50.0396	346.23	210.15	6.661	414.00	75.5840	519.88	314.32	7.173
276.00	50.4046	348.71	211.63	6.670	416.00	75.9489	522.36	315.81	7.179
278.00	50.7695	351.20	213.12	6.679	418.00	76.3138	524.84	317.30	7.185
280.00	51.1344	353.68	214.61	6.688	420.00	76.6787	527.32	318.79	7.191
282.00	51.4994	356.16	216.10	6.697	422.00	77.0436	529.80	320.28	7.197
284.00	51.8643	358.64	217.59	6.706	424.00	77.4085	532.28	321.76	7.203
286.00	52.2293	361.12	219.08	6.715	426.00	77.7734	534.77	323.25	7.209
288.00	52.5942	363.60	220.56	6.723	428.00	78.1383	537.25	324.74	7.215
290.00	52.9592	366.08	222.05	6.732	430.00	78.5032	539.73	326.23	7.220
292.00	53.3241	368.56	223.54	6.740	432.00	78.8681	542.21	327.72	7.226
294.00	53.6890	371.04	225.03	6.749	434.00	79.2330	544.69	329.20	7.232
296.00	54.0540	373.52	226.52	6.757	436.00	79.5979	547.17	330.69	7.238
298.00	54.4189	376.00	228.01	6.766	438.00	79.9628	549.65	332.18	7.243
300.00	54.7838	378.48	229.49	6.774	440.00	80.3277	552.13	333.67	7.249
302.00	55.1488	380.97	230.98	6.782	442.00	80.6926	554.61	335.16	7.254
304.00	55.5137	383.45	232.47	6.790	444.00	81.0575	557.09	336.65	7.260
306.00	55.8787	385.93	233.96	6.798	446.00	81.4224	559.57	338.13	7.266
308.00	56.2436	388.41	235.45	6.806	448.00	81.7873	562.05	339.62	7.271
310.00	56.6085	390.89	236.94	6.814	450.00	82.1522	564.53	341.11	7.277
312.00	56.9734	393.37	238.42	6.822	452.00	82.5171	567.01	342.60	7.282
314.00	57.3384	395.85	239.91	6.830	454.00	82.8820	569.49	344.09	7.288
316.00	57.7033	398.33	241.40	6.838	456.00	83.2469	571.97	345.57	7.293
318.00	58.0682	400.81	242.89	6.846	458.00	83.6118	574.45	347.06	7.299
320.00	58.4332	403.29	244.38	6.854	460.00	83.9767	576.93	348.55	7.304
322.00	58.7981	405.77	245.86	6.862	462.00	84.3416	579.42	350.04	7.309
324.00	59.1630	408.25	247.35	6.869	464.00	84.7065	581.90	351.53	7.315
326.00	59.5279	410.73	248.84	6.877	466.00	85.0714	584.38	353.02	7.320
328.00	59.8929	413.21	250.33	6.884	468.00	85.4362	586.86	354.50	7.325
330.00	60.2578	415.70	251.82	6.892	470.00	85.8011	589.34	355.99	7.331
332.00	60.6227	418.18	253.31	6.900	472.00	86.1660	591.82	357.48	7.336
334.00	60.9876	420.66	254.79	6.907	474.00	86.5309	594.30	358.97	7.341
336.00	61.3525	423.14	256.28	6.914	476.00	86.8958	596.78	360.46	7.346
338.00	61.7175	425.62	257.77	6.922	478.00	87.2607	599.26	361.94	7.352
340.00	62.0824	428.10	259.26	6.929	480.00	87.6256	601.74	363.43	7.357
342.00	62.4473	430.58	260.75	6.936	482.00	87.9905	604.22	364.92	7.362
344.00	62.8122	433.06	262.24	6.944	484.00	88.3554	606.70	366.41	7.367
346.00	63.1771	435.54	263.72	6.951	486.00	88.7203	609.18	367.90	7.372
348.00	63.5421	438.02	265.21	6.958	488.00	89.0852	611.66	369.39	7.377
350.00	63.9070	440.50	266.70	6.965	490.00	89.4501	614.14	370.87	7.382
352.00	64.2719	442.98	268.19	6.972	492.00	89.8149	616.62	372.36	7.387
354.00	64.6368	445.46	269.68	6.979	494.00	90.1798	619.10	373.85	7.392
356.00	65.0017	447.94	271.16	6.986	496.00	90.5447	621.58	375.34	7.397
358.00	65.3666	450.42	272.65	6.993	498.00	90.9096	624.07	376.83	7.402
360.00	65.7315	452.91	274.14	7.000	500.00	91.2745	626.55	378.31	7.407
362.00	66.0965	455.39	275.63	7.007	502.00	91.6394	629.03	379.80	7.412
364.00	66.4614	457.87	277.12	7.014	504.00	92.0043	631.51	381.29	7.417
366.00	66.8263	460.35	278.61	7.020	506.00	92.3692	633.99	382.78	7.422
368.00	67.1912	462.83	280.09	7.027	508.00	92.7341	636.47	384.27	7.427
370.00	67.5561	465.31	281.58	7.034	510.00	93.0989	638.95	385.76	7.432
372.00	67.9210	467.79	283.07	7.041	512.00	93.4638	641.43	387.24	7.437
374.00	68.2859	470.27	284.56	7.047	514.00	93.8287	643.91	388.73	7.442
376.00	68.6508	472.75	286.05	7.054	516.00	94.1936	646.39	390.22	7.446
378.00	69.0157	475.23	287.54	7.060	518.00	94.5585	648.87	391.71	7.451
380.00	69.3807	477.71	289.02	7.067	520.00	94.9234	651.35	393.20	7.456
382.00	69.7456	480.19	290.51	7.074	522.00	95.2883	653.83	394.68	7.461
384.00	70.1105	482.67	292.00	7.080	524.00	95.6532	656.31	396.17	7.466
386.00	70.4754	485.15	293.49	7.086	526.00	96.0180	658.79	397.66	7.470
388.00	70.8403	487.63	294.98	7.093	528.00	96.3829	661.27	399.15	7.475
390.00	71.2052	490.11	296.46	7.099	530.00	96.7478	663.75	400.64	7.480
392.00	71.5701	492.60	297.95	7.106	532.00	97.1127	666.23	402.13	7.484
394.00	71.9350	495.08	299.44	7.112	534.00	97.4776	668.71	403.61	7.489
396.00	72.2999	497.56	300.93	7.118	536.00	97.8425	671.19	405.10	7.494
398.00	72.6648	500.04	302.42	7.124	538.00	98.2074	673.68	406.59	7.498
400.00	73.0297	502.52	303.91	7.131	540.00	98.5723	676.16	408.08	7.503

20.00 PSIA ISOBAR

TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB-R)	ENTROPY (BTU/LB-R)	TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)
					122.00	16.3930	157.66	96.99	5.504
					124.00	16.6615	160.14	98.48	5.525
					126.00	16.9300	162.63	99.96	5.544
					128.00	17.1985	165.11	101.45	5.564
					130.00	17.4670	167.59	102.94	5.583
					132.00	17.7355	170.08	104.43	5.602
					134.00	18.0039	172.56	105.92	5.621
					136.00	18.2724	175.04	107.41	5.639
					138.00	18.5408	177.52	108.90	5.657
					140.00	18.8093	180.01	110.39	5.675
6.00	.1139	2.92	2.50	.616	142.00	19.0777	182.49	111.88	5.693
8.00	.1313	4.84	4.35	.879	144.00	19.3461	184.97	113.37	5.710
* 8.204	.1357	5.16	4.66	.924	146.00	19.6145	187.45	114.86	5.727
* 8.204	.6840	13.09	10.56	1.885	148.00	19.8829	189.94	116.35	5.744
10.00	1.0657	16.36	12.41	2.265	150.00	20.1513	192.42	117.84	5.761
12.00	1.4027	19.37	14.18	2.540	152.00	20.4197	194.90	119.33	5.777
14.00	1.7143	22.19	15.84	2.757	154.00	20.6880	197.38	120.82	5.794
16.00	2.0130	24.91	17.46	2.939	156.00	20.9564	199.87	122.30	5.810
18.00	2.3039	27.56	19.04	3.095	158.00	21.2248	202.35	123.79	5.825
20.00	2.5899	30.18	20.60	3.233	160.00	21.4931	204.83	125.28	5.841
22.00	2.8723	32.77	22.14	3.357	162.00	21.7615	207.31	126.77	5.856
24.00	3.1523	35.34	23.67	3.468	164.00	22.0298	209.80	128.26	5.872
26.00	3.4303	37.90	25.20	3.571	166.00	22.2982	212.28	129.75	5.887
28.00	3.7069	40.44	26.72	3.665	168.00	22.5665	214.76	131.24	5.902
30.00	3.9824	42.98	28.24	3.752	170.00	22.8348	217.24	132.73	5.916
32.00	4.2569	45.51	29.75	3.834	172.00	23.1031	219.72	134.22	5.931
34.00	4.5306	48.03	31.26	3.911	174.00	23.3714	222.21	135.70	5.945
36.00	4.8038	50.55	32.77	3.983	176.00	23.6398	224.69	137.19	5.959
38.00	5.0764	53.06	34.27	4.050	178.00	23.9081	227.17	138.68	5.973
40.00	5.3485	55.57	35.78	4.115	180.00	24.1764	229.65	140.17	5.987
42.00	5.6203	58.08	37.28	4.176	182.00	24.4447	232.13	141.66	6.001
44.00	5.8917	60.59	38.78	4.234	184.00	24.7129	234.62	143.15	6.014
46.00	6.1629	63.09	40.28	4.290	186.00	24.9812	237.10	144.64	6.028
48.00	6.4338	65.59	41.78	4.343	188.00	25.2495	239.58	146.13	6.041
50.00	6.7045	68.09	43.28	4.394	190.00	25.5178	242.06	147.62	6.054
52.00	6.9749	70.59	44.77	4.443	192.00	25.7861	244.54	149.10	6.067
54.00	7.2452	73.09	46.27	4.490	194.00	26.0544	247.02	150.59	6.080
56.00	7.5154	75.58	47.77	4.536	196.00	26.3226	249.51	152.08	6.093
58.00	7.7854	78.08	49.26	4.579	198.00	26.5909	251.99	153.57	6.105
60.00	8.0553	80.57	50.76	4.622	200.00	26.8592	254.47	155.06	6.118
62.00	8.3251	83.06	52.25	4.663	202.00	27.1274	256.95	156.55	6.130
64.00	8.5947	85.55	53.74	4.702	204.00	27.3957	259.43	158.04	6.142
66.00	8.8643	88.05	55.24	4.741	206.00	27.6639	261.91	159.52	6.155
68.00	9.1338	90.54	56.73	4.778	208.00	27.9322	264.39	161.01	6.167
70.00	9.4032	93.03	58.22	4.814	210.00	28.2004	266.88	162.50	6.178
72.00	9.6726	95.52	59.72	4.849	212.00	28.4687	269.36	163.99	6.190
74.00	9.9418	98.01	61.21	4.883	214.00	28.7369	271.84	165.48	6.202
76.00	10.2111	100.49	62.70	4.916	216.00	29.0052	274.32	166.97	6.213
78.00	10.4802	102.98	64.19	4.948	218.00	29.2734	276.80	168.46	6.225
80.00	10.7493	105.47	65.69	4.980	220.00	29.5416	279.28	169.95	6.236
82.00	11.0184	107.96	67.18	5.011	222.00	29.8099	281.76	171.43	6.247
84.00	11.2874	110.44	68.67	5.041	224.00	30.0781	284.25	172.92	6.258
86.00	11.5564	112.93	70.16	5.070	226.00	30.3463	286.73	174.41	6.269
88.00	11.8253	115.42	71.65	5.098	228.00	30.6145	289.21	175.90	6.280
90.00	12.0942	117.90	73.14	5.126	230.00	30.8828	291.69	177.39	6.291
92.00	12.3630	120.39	74.63	5.154	232.00	31.1510	294.17	178.88	6.302
94.00	12.6319	122.88	76.12	5.180	234.00	31.4192	296.65	180.37	6.313
96.00	12.9007	125.36	77.61	5.207	236.00	31.6874	299.13	181.85	6.323
98.00	13.1694	127.85	79.10	5.232	238.00	31.9556	301.61	183.34	6.334
100.00	13.4382	130.33	80.60	5.257	240.00	32.2239	304.10	184.83	6.344
102.00	13.7069	132.82	82.09	5.282	242.00	32.4921	306.58	186.32	6.354
104.00	13.9756	135.30	83.58	5.306	244.00	32.7603	309.06	187.81	6.365
106.00	14.2443	137.79	85.07	5.330	246.00	33.0285	311.54	189.30	6.375
108.00	14.5129	140.27	86.56	5.353	248.00	33.2967	314.02	190.78	6.385
110.00	14.7816	142.76	88.05	5.376	250.00	33.5649	316.50	192.27	6.395
112.00	15.0502	145.24	89.54	5.398	252.00	33.8331	318.98	193.76	6.405
114.00	15.3188	147.72	91.03	5.420	254.00	34.1013	321.46	195.25	6.414
116.00	15.5874	150.21	92.52	5.442	256.00	34.3695	323.95	196.74	6.424
118.00	15.8559	152.69	94.01	5.463	258.00	34.6377	326.43	198.23	6.434
120.00	16.1245	155.18	95.50	5.484	260.00	34.9059	328.91	199.72	6.443

* PHASE CHANGE

TEMPERATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)	TEMPERATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)
262.00	35.1741	331.39	201.20	6.453	402.00	53.9455	505.05	305.39	6.984
264.00	35.4423	333.87	202.69	6.462	404.00	54.2136	507.53	306.87	6.990
266.00	35.7105	336.35	204.18	6.472	406.00	54.4818	510.01	308.36	6.996
268.00	35.9787	338.83	205.67	6.481	408.00	54.7499	512.49	309.85	7.002
270.00	36.2469	341.31	207.16	6.490	410.00	55.0181	514.97	311.34	7.008
272.00	36.5151	343.79	208.65	6.499	412.00	55.2862	517.45	312.83	7.014
274.00	36.7832	346.27	210.13	6.508	414.00	55.5543	519.93	314.32	7.020
276.00	37.0514	348.76	211.62	6.517	416.00	55.8225	522.41	315.80	7.026
278.00	37.3196	351.24	213.11	6.526	418.00	56.0906	524.89	317.29	7.032
280.00	37.5878	353.72	214.60	6.535	420.00	56.3588	527.37	318.78	7.038
282.00	37.8560	356.20	216.09	6.544	422.00	56.6269	529.85	320.27	7.044
284.00	38.1242	358.68	217.58	6.553	424.00	56.8950	532.33	321.76	7.050
286.00	38.3923	361.16	219.06	6.562	426.00	57.1632	534.81	323.24	7.056
288.00	38.6605	363.64	220.55	6.570	428.00	57.4313	537.30	324.73	7.062
290.00	38.9287	366.12	222.04	6.579	430.00	57.6994	539.78	326.22	7.067
292.00	39.1969	368.60	223.53	6.587	432.00	57.9676	542.26	327.71	7.073
294.00	39.4651	371.08	225.02	6.596	434.00	58.2357	544.74	329.20	7.079
296.00	39.7332	373.57	226.51	6.604	436.00	58.5039	547.22	330.69	7.085
298.00	40.0014	376.05	227.99	6.613	438.00	58.7720	549.70	332.17	7.090
300.00	40.2696	378.53	229.48	6.621	440.00	59.0401	552.18	333.66	7.096
302.00	40.5378	381.01	230.97	6.629	442.00	59.3083	554.66	335.15	7.102
304.00	40.8059	383.49	232.46	6.637	444.00	59.5764	557.14	336.64	7.107
306.00	41.0741	385.97	233.95	6.645	446.00	59.8445	559.62	338.13	7.113
308.00	41.3423	388.45	235.44	6.654	448.00	60.1127	562.10	339.62	7.118
310.00	41.6104	390.93	236.93	6.662	450.00	60.3808	564.58	341.10	7.124
312.00	41.8786	393.41	238.41	6.670	452.00	60.6489	567.06	342.59	7.129
314.00	42.1468	395.89	239.90	6.677	454.00	60.9171	569.54	344.08	7.135
316.00	42.4149	398.37	241.39	6.685	456.00	61.1852	572.02	345.57	7.140
318.00	42.6831	400.86	242.88	6.693	458.00	61.4533	574.50	347.06	7.146
320.00	42.9513	403.34	244.37	6.701	460.00	61.7215	576.99	348.54	7.151
322.00	43.2194	405.82	245.85	6.709	462.00	61.9896	579.47	350.03	7.156
324.00	43.4876	408.30	247.34	6.716	464.00	62.2577	581.95	351.52	7.162
326.00	43.7558	410.78	248.83	6.724	466.00	62.5259	584.43	353.01	7.167
328.00	44.0239	413.26	250.32	6.732	468.00	62.7940	586.91	354.50	7.172
330.00	44.2921	415.74	251.81	6.739	470.00	63.0621	589.39	355.99	7.178
332.00	44.5602	418.22	253.30	6.747	472.00	63.3302	591.87	357.47	7.183
334.00	44.8284	420.70	254.78	6.754	474.00	63.5984	594.35	358.96	7.188
336.00	45.0966	423.18	256.27	6.761	476.00	63.8665	596.83	360.45	7.193
338.00	45.3647	425.66	257.76	6.769	478.00	64.1346	599.31	361.94	7.199
340.00	45.6329	428.14	259.25	6.776	480.00	64.4028	601.79	363.43	7.204
342.00	45.9010	430.62	260.74	6.783	482.00	64.6709	604.27	364.91	7.209
344.00	46.1692	433.11	262.23	6.791	484.00	64.9390	606.75	366.40	7.214
346.00	46.4374	435.59	263.71	6.798	486.00	65.2072	609.23	367.89	7.219
348.00	46.7055	438.07	265.20	6.805	488.00	65.4753	611.71	369.38	7.224
350.00	46.9737	440.55	266.69	6.812	490.00	65.7434	614.19	370.87	7.229
352.00	47.2418	443.03	268.18	6.819	492.00	66.0115	616.67	372.36	7.234
354.00	47.5100	445.51	269.67	6.826	494.00	66.2797	619.16	373.84	7.240
356.00	47.7781	447.99	271.16	6.833	496.00	66.5478	621.64	375.33	7.245
358.00	48.0463	450.47	272.64	6.840	498.00	66.8159	624.12	376.82	7.250
360.00	48.3144	452.95	274.13	6.847	500.00	67.0841	626.60	378.31	7.254
362.00	48.5826	455.43	275.62	6.854	502.00	67.3522	629.08	379.80	7.259
364.00	48.8507	457.91	277.11	6.861	504.00	67.6203	631.56	381.28	7.264
366.00	49.1189	460.39	278.60	6.868	506.00	67.8884	634.04	382.77	7.269
368.00	49.3870	462.87	280.09	6.874	508.00	68.1566	636.52	384.26	7.274
370.00	49.6552	465.36	281.57	6.881	510.00	68.4247	639.00	385.75	7.279
372.00	49.9233	467.84	283.06	6.888	512.00	68.6928	641.48	387.24	7.284
374.00	50.1915	470.32	284.55	6.894	514.00	68.9609	643.96	388.73	7.289
376.00	50.4596	472.80	286.04	6.901	516.00	69.2291	646.44	390.21	7.294
378.00	50.7278	475.28	287.53	6.908	518.00	69.4972	648.92	391.70	7.298
380.00	50.9959	477.76	289.02	6.914	520.00	69.7653	651.40	393.19	7.303
382.00	51.2641	480.24	290.50	6.921	522.00	70.0334	653.88	394.68	7.308
384.00	51.5322	482.72	291.99	6.927	524.00	70.3016	656.36	396.17	7.313
386.00	51.8004	485.20	293.48	6.934	526.00	70.5697	658.84	397.65	7.317
388.00	52.0685	487.68	294.97	6.940	528.00	70.8378	661.32	399.14	7.322
390.00	52.3366	490.16	296.46	6.946	530.00	71.1059	663.81	400.63	7.327
392.00	52.6048	492.64	297.94	6.953	532.00	71.3741	666.29	402.12	7.331
394.00	52.8729	495.12	299.43	6.959	534.00	71.6422	668.77	403.61	7.336
396.00	53.1411	497.60	300.92	6.965	536.00	71.9103	671.25	405.10	7.341
398.00	53.4092	500.09	302.41	6.971	538.00	72.1784	673.73	406.58	7.345
400.00	53.6774	502.57	303.90	6.978	540.00	72.4466	676.21	408.07	7.350

30.00 PSIA ISOBAR

TEMPERATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)	TEMPERATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)
122.00	10.9417	157.68	96.94	5.303	124.00	11.1209	160.17	98.43	5.323
126.00	11.3000	162.65	99.92	5.343	128.00	11.4791	165.14	101.41	5.362
130.00	11.6582	167.62	102.90	5.382	132.00	11.8373	170.11	104.39	5.401
134.00	12.0164	172.59	105.88	5.419	136.00	12.1955	175.07	107.37	5.438
138.00	12.3746	177.56	108.86	5.456	140.00	12.5536	180.04	110.35	5.474
6.00	.1124	3.08	2.45	.607	142.00	12.7327	182.53	111.84	5.491
8.00	.1267	4.87	4.16	.853	144.00	12.9117	185.01	113.33	5.509
* 9.106	.1660	7.20	6.28	1.137	146.00	13.0908	187.49	114.82	5.526
* 9.106	.3475	11.74	9.81	1.627	148.00	13.2698	189.98	116.31	5.543
10.00	.6013	14.88	11.54	1.968	150.00	13.4488	192.46	117.80	5.559
12.00	.8635	18.36	13.57	2.287	154.00	13.8068	197.43	120.78	5.592
14.00	1.0894	21.41	15.37	2.522	156.00	13.9858	199.91	122.27	5.608
16.00	1.2998	24.27	17.06	2.713	158.00	14.1648	202.40	123.76	5.624
18.00	1.5617	27.03	18.69	2.875	160.00	14.3438	204.88	125.25	5.640
20.00	1.6983	29.72	20.29	3.017					
22.00	1.8913	32.37	21.87	3.143	162.00	14.5228	207.36	126.73	5.655
24.00	2.0817	34.98	23.43	3.257	164.00	14.7018	209.84	128.22	5.670
26.00	2.2703	37.58	24.97	3.361	166.00	14.8807	212.33	129.71	5.685
28.00	2.4573	40.16	26.51	3.457	168.00	15.0597	214.81	131.20	5.700
30.00	2.6433	42.72	28.04	3.545	170.00	15.2386	217.29	132.69	5.715
32.00	2.8283	45.27	29.57	3.627	172.00	15.4176	219.78	134.18	5.729
34.00	3.0126	47.82	31.09	3.705	174.00	15.5965	222.26	135.67	5.744
36.00	3.1963	50.35	32.61	3.777	176.00	15.7755	224.74	137.16	5.758
38.00	3.3794	52.88	34.12	3.845	178.00	15.9544	227.22	138.65	5.772
40.00	3.5621	55.41	35.63	3.910	180.00	16.1334	229.71	140.14	5.786
42.00	3.7445	57.93	37.14	3.972	182.00	16.3123	232.19	141.63	5.799
44.00	3.9265	60.45	38.65	4.030	184.00	16.4912	234.67	143.12	5.813
46.00	4.1082	62.96	40.15	4.086	186.00	16.6701	237.15	144.61	5.826
48.00	4.2897	65.47	41.66	4.140	188.00	16.8490	239.64	146.10	5.840
50.00	4.4709	67.98	43.16	4.191	190.00	17.0280	242.12	147.58	5.853
52.00	4.6520	70.49	44.66	4.240	192.00	17.2069	244.60	149.07	5.866
54.00	4.8329	72.99	46.16	4.287	194.00	17.3858	247.08	150.56	5.879
56.00	5.0136	75.50	47.66	4.333	196.00	17.5647	249.57	152.05	5.891
58.00	5.1943	78.00	49.16	4.377	198.00	17.7436	252.05	153.54	5.904
60.00	5.3748	80.50	50.66	4.419	200.00	17.9225	254.53	155.03	5.917
62.00	5.5551	83.00	52.16	4.460	202.00	18.1014	257.01	156.52	5.929
64.00	5.7354	85.49	53.65	4.500	204.00	18.2802	259.49	158.01	5.941
66.00	5.9156	87.99	55.15	4.538	206.00	18.4591	261.98	159.50	5.953
68.00	6.0957	90.49	56.64	4.575	208.00	18.6380	264.46	160.99	5.965
70.00	6.2757	92.98	58.14	4.611	210.00	18.8169	266.94	162.47	5.977
72.00	6.4557	95.48	59.64	4.647	212.00	18.9958	269.42	163.96	5.989
74.00	6.6356	97.97	61.13	4.681	214.00	19.1746	271.90	165.45	6.001
76.00	6.8154	100.46	62.62	4.714	216.00	19.3535	274.39	166.94	6.012
78.00	6.9952	102.95	64.12	4.746	218.00	19.5324	276.87	168.43	6.023
80.00	7.1749	105.45	65.61	4.778	220.00	19.7113	279.35	169.92	6.035
82.00	7.3546	107.94	67.11	4.809	222.00	19.8901	281.83	171.41	6.046
84.00	7.5342	110.43	68.60	4.839	224.00	20.0690	284.31	172.90	6.057
86.00	7.7138	112.92	70.09	4.868	226.00	20.2478	286.80	174.38	6.068
88.00	7.8934	115.41	71.58	4.897	228.00	20.4267	289.28	175.87	6.079
90.00	8.0729	117.90	73.08	4.925	230.00	20.6056	291.76	177.36	6.090
92.00	8.2524	120.38	74.57	4.952	232.00	20.7844	294.24	178.85	6.101
94.00	8.4318	122.87	76.06	4.979	234.00	20.9633	296.72	180.34	6.111
96.00	8.6112	125.36	77.55	5.005	236.00	21.1421	299.20	181.83	6.122
98.00	8.7906	127.85	79.04	5.030	238.00	21.3210	301.69	183.32	6.132
100.00	8.9700	130.34	80.54	5.056	240.00	21.4998	304.17	184.81	6.143
102.00	9.1493	132.82	82.03	5.080	242.00	21.6787	306.65	186.29	6.153
104.00	9.3287	135.31	83.52	5.104	244.00	21.8575	309.13	187.78	6.163
106.00	9.5080	137.80	85.01	5.128	246.00	22.0363	311.61	189.27	6.173
108.00	9.6872	140.28	86.50	5.151	248.00	22.2152	314.09	190.76	6.183
110.00	9.8665	142.77	87.99	5.174	250.00	22.3940	316.57	192.25	6.193
112.00	10.0458	145.26	89.48	5.196	252.00	22.5728	319.06	193.74	6.203
114.00	10.2250	147.74	90.97	5.218	254.00	22.7517	321.54	195.23	6.213
116.00	10.4042	150.23	92.47	5.240	256.00	22.9305	324.02	196.72	6.223
118.00	10.5834	152.71	93.96	5.261	258.00	23.1093	326.50	198.20	6.233
120.00	10.7626	155.20	95.45	5.282	260.00	23.2882	328.98	199.69	6.242

* PHASE CHANGE

TEMPERATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)	TEMPERATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-K)
262.00	23.4670	331.46	201.18	6.252	402.00	35.9827	505.14	305.37	6.783
264.00	23.6458	333.95	202.67	6.261	404.00	36.1615	507.62	306.86	6.789
266.00	23.8247	336.43	204.16	6.270	406.00	36.3402	510.10	308.35	6.795
268.00	24.0035	338.91	205.65	6.280	408.00	36.5190	512.58	309.84	6.801
270.00	24.1823	341.39	207.14	6.289	410.00	36.6978	515.06	311.32	6.807
272.00	24.3611	343.87	208.62	6.298	412.00	36.8766	517.54	312.81	6.813
274.00	24.5399	346.35	210.11	6.307	414.00	37.0553	520.02	314.30	6.819
276.00	24.7188	348.83	211.60	6.316	416.00	37.2341	522.50	315.79	6.825
278.00	24.8976	351.31	213.09	6.325	418.00	37.4129	524.98	317.28	6.831
280.00	25.0764	353.80	214.58	6.334	420.00	37.5916	527.46	318.77	6.837
282.00	25.2552	356.28	216.07	6.343	422.00	37.7704	529.95	320.25	6.843
284.00	25.4340	358.76	217.56	6.352	424.00	37.9492	532.43	321.74	6.849
286.00	25.6128	361.24	219.04	6.360	426.00	38.1280	534.91	323.23	6.855
288.00	25.7917	363.72	220.53	6.369	428.00	38.3067	537.39	324.72	6.860
290.00	25.9705	366.20	222.02	6.378	430.00	38.4855	539.87	326.21	6.866
292.00	26.1493	368.68	223.51	6.386	432.00	38.6643	542.35	327.70	6.872
294.00	26.3281	371.16	225.00	6.395	434.00	38.8430	544.83	329.18	6.878
296.00	26.5069	373.65	226.49	6.403	436.00	39.0218	547.31	330.67	6.883
298.00	26.6857	376.13	227.97	6.411	438.00	39.2006	549.79	332.16	6.889
300.00	26.8645	378.61	229.46	6.420	440.00	39.3793	552.27	333.65	6.895
302.00	27.0433	381.09	230.95	6.428	442.00	39.5581	554.75	335.14	6.900
304.00	27.2221	383.57	232.44	6.436	444.00	39.7369	557.23	336.63	6.906
306.00	27.4009	386.05	233.93	6.444	446.00	39.9156	559.71	338.11	6.912
308.00	27.5797	388.53	235.42	6.452	448.00	40.0944	562.20	339.60	6.917
310.00	27.7585	391.01	236.91	6.460	450.00	40.2732	564.68	341.09	6.923
312.00	27.9373	393.49	238.39	6.468	452.00	40.4519	567.16	342.58	6.928
314.00	28.1161	395.98	239.88	6.476	454.00	40.6307	569.64	344.07	6.934
316.00	28.2949	398.46	241.37	6.484	456.00	40.8095	572.12	345.55	6.939
318.00	28.4737	400.94	242.86	6.492	458.00	40.9882	574.60	347.04	6.944
320.00	28.6525	403.42	244.35	6.500	460.00	41.1670	577.08	348.53	6.950
322.00	28.8313	405.90	245.84	6.507	462.00	41.3458	579.56	350.02	6.955
324.00	29.0101	408.38	247.32	6.515	464.00	41.5245	582.04	351.51	6.961
326.00	29.1889	410.86	248.81	6.523	466.00	41.7033	584.52	353.00	6.966
328.00	29.3677	413.34	250.30	6.530	468.00	41.8821	587.00	354.48	6.971
330.00	29.5465	415.82	251.79	6.538	470.00	42.0608	589.48	355.97	6.977
332.00	29.7253	418.31	253.28	6.545	472.00	42.2396	591.96	357.46	6.982
334.00	29.9041	420.79	254.77	6.553	474.00	42.4183	594.44	358.95	6.987
336.00	30.0829	423.27	256.26	6.560	476.00	42.5971	596.93	360.44	6.992
338.00	30.2617	425.75	257.74	6.568	478.00	42.7759	599.41	361.93	6.997
340.00	30.4405	428.23	259.23	6.575	480.00	42.9546	601.89	363.41	7.003
342.00	30.6192	430.71	260.72	6.582	482.00	43.1334	604.37	364.90	7.008
344.00	30.7980	433.19	262.21	6.589	484.00	43.3122	606.85	366.39	7.013
346.00	30.9768	435.67	263.70	6.597	486.00	43.4909	609.33	367.88	7.018
348.00	31.1556	438.15	265.19	6.604	488.00	43.6697	611.81	369.37	7.023
350.00	31.3344	440.63	266.67	6.611	490.00	43.8484	614.29	370.86	7.028
352.00	31.5132	443.12	268.16	6.618	492.00	44.0272	616.77	372.34	7.033
354.00	31.6920	445.60	269.65	6.625	494.00	44.2060	619.25	373.83	7.038
356.00	31.8708	448.08	271.14	6.632	496.00	44.3847	621.73	375.32	7.043
358.00	32.0495	450.56	272.63	6.639	498.00	44.5635	624.21	376.81	7.048
360.00	32.2283	453.04	274.12	6.646	500.00	44.7422	626.69	378.30	7.053
362.00	32.4071	455.52	275.60	6.653	502.00	44.9210	629.17	379.78	7.058
364.00	32.5859	458.00	277.09	6.660	504.00	45.0998	631.65	381.27	7.063
366.00	32.7647	460.48	278.58	6.666	506.00	45.2785	634.14	382.76	7.068
368.00	32.9435	462.96	280.07	6.673	508.00	45.4573	636.62	384.25	7.073
370.00	33.1222	465.44	281.56	6.680	510.00	45.6360	639.10	385.74	7.078
372.00	33.3010	467.92	283.05	6.686	512.00	45.8148	641.58	387.23	7.083
374.00	33.4798	470.41	284.53	6.693	514.00	45.9936	644.06	388.71	7.088
376.00	33.6586	472.89	286.02	6.700	516.00	46.1723	646.54	390.20	7.092
378.00	33.8374	475.37	287.51	6.706	518.00	46.3511	649.02	391.69	7.097
380.00	34.0161	477.85	289.00	6.713	520.00	46.5298	651.50	393.18	7.102
382.00	34.1949	480.33	290.49	6.719	522.00	46.7086	653.98	394.67	7.107
384.00	34.3737	482.81	291.98	6.726	524.00	46.8874	656.46	396.16	7.111
386.00	34.5525	485.29	293.46	6.732	526.00	47.0661	658.94	397.64	7.116
388.00	34.7313	487.77	294.95	6.739	528.00	47.2449	661.42	399.13	7.121
390.00	34.9100	490.25	296.44	6.745	530.00	47.4236	663.90	400.62	7.126
392.00	35.0888	492.73	297.93	6.751	532.00	47.6024	666.38	402.11	7.130
394.00	35.2676	495.21	299.42	6.758	534.00	47.7811	668.86	403.60	7.135
396.00	35.4464	497.69	300.91	6.764	536.00	47.9599	671.34	405.08	7.140
398.00	35.6251	500.18	302.39	6.770	538.00	48.1387	673.83	406.57	7.144
400.00	35.8039	502.66	303.88	6.777	540.00	48.3174	676.31	408.06	7.149

40.00 PSIA ISOBAR

TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (8TU/LB)	INTERNAL ENERGY (8TU/LB)	ENTROPY (8TU/LB-R)	TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (8TU/LB)	INTERNAL ENERGY (8TU/LB)	ENTROPY (8TU/LB-R)
					122.00	8.2161	157.71	96.89	5.160
					124.00	8.3506	160.19	98.38	5.180
					126.00	8.4850	162.68	99.87	5.200
					128.00	8.6195	165.17	101.36	5.219
					130.00	8.7539	167.65	102.85	5.239
					132.00	8.8883	170.14	104.34	5.258
					134.00	9.0227	172.62	105.83	5.276
					136.00	9.1571	175.11	107.33	5.295
					138.00	9.2915	177.59	108.82	5.313
					140.00	9.4259	180.08	110.31	5.331
					142.00	9.5602	182.56	111.80	5.348
					144.00	9.6946	185.05	113.29	5.366
6.00	.1111	3.24	2.41	.599	146.00	9.8289	187.53	114.78	5.383
8.00	.1234	4.94	4.03	.833	148.00	9.9633	190.02	116.27	5.400
10.00	.3420	12.28	9.75	1.617	150.00	10.0976	192.50	117.76	5.416
12.00	.5923	17.27	12.89	2.086	152.00	10.2319	194.99	119.25	5.433
14.00	.7775	20.61	14.86	2.344	154.00	10.3663	197.47	120.74	5.449
16.00	.9443	23.64	16.65	2.545	156.00	10.5006	199.96	122.23	5.465
18.00	1.1017	26.50	18.34	2.714	158.00	10.6349	202.44	123.72	5.481
20.00	1.2536	29.26	19.99	2.860	160.00	10.7692	204.93	125.21	5.497
22.00	1.4018	31.97	21.59	2.989	162.00	10.9035	207.41	126.70	5.512
24.00	1.5474	34.63	23.18	3.105	164.00	11.0378	209.89	128.19	5.527
26.00	1.6911	37.27	24.75	3.210	166.00	11.1720	212.38	129.68	5.542
28.00	1.8333	39.87	26.30	3.307	168.00	11.3063	214.86	131.17	5.557
30.00	1.9745	42.47	27.85	3.396	170.00	11.4406	217.34	132.66	5.572
32.00	2.1147	45.04	29.39	3.479	172.00	11.5749	219.83	134.15	5.586
34.00	2.2542	47.61	30.92	3.557	174.00	11.7091	222.31	135.64	5.601
36.00	2.3931	50.16	32.45	3.630	176.00	11.8434	224.79	137.13	5.615
38.00	2.5314	52.71	33.97	3.699	178.00	11.9776	227.28	138.62	5.629
40.00	2.6694	55.25	35.49	3.764	180.00	12.1119	229.76	140.11	5.643
42.00	2.8070	57.78	37.00	3.826	182.00	12.2461	232.24	141.60	5.657
44.00	2.9442	60.31	38.52	3.885	184.00	12.3804	234.73	143.08	5.670
46.00	3.0812	62.84	40.03	3.941	186.00	12.5146	237.21	144.57	5.684
48.00	3.2179	65.36	41.54	3.994	188.00	12.6488	239.69	146.06	5.697
50.00	3.3545	67.88	43.04	4.046	190.00	12.7830	242.18	147.55	5.710
52.00	3.4908	70.39	44.55	4.095	192.00	12.9173	244.66	149.04	5.723
54.00	3.6270	72.90	46.05	4.143	194.00	13.0515	247.14	150.53	5.736
56.00	3.7630	75.41	47.56	4.188	196.00	13.1857	249.63	152.02	5.749
58.00	3.8989	77.92	49.06	4.232	198.00	13.3199	252.11	153.51	5.761
60.00	4.0347	80.43	50.56	4.275	200.00	13.4541	254.59	155.00	5.774
62.00	4.1704	82.93	52.06	4.316	202.00	13.5883	257.07	156.49	5.786
64.00	4.3059	85.44	53.56	4.356	204.00	13.7225	259.56	157.98	5.798
66.00	4.4414	87.94	55.06	4.394	206.00	13.8567	262.04	159.47	5.810
68.00	4.5768	90.44	56.56	4.431	208.00	13.9909	264.52	160.96	5.822
70.00	4.7121	92.94	58.06	4.468	210.00	14.1251	267.00	162.45	5.834
72.00	4.8474	95.44	59.55	4.503	212.00	14.2593	269.49	163.93	5.846
74.00	4.9826	97.93	61.05	4.537	214.00	14.3935	271.97	165.42	5.858
76.00	5.1177	100.43	62.55	4.570	216.00	14.5277	274.45	166.91	5.869
78.00	5.2528	102.93	64.04	4.603	218.00	14.6619	276.93	168.40	5.881
80.00	5.3878	105.42	65.54	4.634	220.00	14.7961	279.42	169.89	5.892
82.00	5.5228	107.92	67.03	4.665	222.00	14.9303	281.90	171.38	5.903
84.00	5.6577	110.41	68.53	4.695	224.00	15.0644	284.38	172.87	5.914
86.00	5.7926	112.90	70.02	4.724	226.00	15.1986	286.86	174.36	5.925
88.00	5.9275	115.40	71.52	4.753	228.00	15.3328	289.35	175.85	5.936
90.00	6.0623	117.89	73.01	4.781	230.00	15.4670	291.83	177.34	5.947
92.00	6.1971	120.38	74.51	4.808	232.00	15.6011	294.31	178.83	5.958
94.00	6.3319	122.87	76.00	4.835	234.00	15.7353	296.79	180.31	5.969
96.00	6.4666	125.36	77.49	4.861	236.00	15.8695	299.27	181.80	5.979
98.00	6.6013	127.85	78.99	4.887	238.00	16.0036	301.76	183.29	5.990
100.00	6.7360	130.34	80.48	4.912	240.00	16.1378	304.24	184.78	6.000
102.00	6.8706	132.83	81.97	4.937	242.00	16.2720	306.72	186.27	6.010
104.00	7.0053	135.32	83.46	4.961	244.00	16.4061	309.20	187.76	6.020
106.00	7.1399	137.81	84.96	4.985	246.00	16.5403	311.68	189.25	6.031
108.00	7.2745	140.30	86.45	5.008	248.00	16.6744	314.17	190.74	6.041
110.00	7.4090	142.78	87.94	5.031	250.00	16.8086	316.65	192.23	6.051
112.00	7.5436	145.27	89.43	5.053	252.00	16.9427	319.13	193.71	6.061
114.00	7.6781	147.76	90.92	5.075	254.00	17.0769	321.61	195.20	6.070
116.00	7.8127	150.25	92.41	5.097	256.00	17.2110	324.09	196.69	6.080
118.00	7.9472	152.73	93.91	5.118	258.00	17.3452	326.58	198.18	6.090
120.00	8.0816	155.22	95.40	5.139	260.00	17.4793	329.06	199.67	6.099

TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB-R)	ENTROPY (BTU/LB)	TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB-R)	ENTROPY (BTU/LB)
262.00	17.6135	331.54	201.16	6.109	402.00	27.0013	505.23	305.36	6.640
264.00	17.7476	334.02	202.65	6.118	404.00	27.1354	507.71	306.84	6.646
266.00	17.8818	336.50	204.14	6.128	406.00	27.2695	510.19	308.33	6.652
268.00	18.0159	338.98	205.62	6.137	408.00	27.4036	512.67	309.82	6.658
270.00	18.1500	341.47	207.11	6.146	410.00	27.5376	515.15	311.31	6.664
272.00	18.2842	343.95	208.60	6.155	412.00	27.6717	517.63	312.80	6.670
274.00	18.4183	346.43	210.09	6.164	414.00	27.8058	520.11	314.29	6.676
276.00	18.5524	348.91	211.58	6.173	416.00	27.9399	522.59	315.77	6.682
278.00	18.6866	351.39	213.07	6.182	418.00	28.0740	525.08	317.26	6.688
280.00	18.8207	353.87	214.56	6.191	420.00	28.2081	527.56	318.75	6.694
282.00	18.9548	356.36	216.05	6.200	422.00	28.3422	530.04	320.24	6.700
284.00	19.0890	358.84	217.53	6.209	424.00	28.4763	532.52	321.73	6.706
286.00	19.2231	361.32	219.02	6.218	426.00	28.6103	535.00	323.22	6.712
288.00	19.3572	363.80	220.51	6.226	428.00	28.7444	537.48	324.71	6.718
290.00	19.4914	366.28	222.00	6.235	430.00	28.8785	539.96	326.19	6.723
292.00	19.6255	368.76	223.49	6.243	432.00	29.0126	542.44	327.68	6.729
294.00	19.7596	371.24	224.98	6.252	434.00	29.1467	544.92	329.17	6.735
296.00	19.8937	373.73	226.47	6.260	436.00	29.2808	547.40	330.66	6.741
298.00	20.0279	376.21	227.95	6.269	438.00	29.4149	549.88	332.15	6.746
300.00	20.1620	378.69	229.44	6.277	440.00	29.5489	552.37	333.64	6.752
302.00	20.2961	381.17	230.93	6.285	442.00	29.6830	554.85	335.12	6.758
304.00	20.4302	383.65	232.42	6.293	444.00	29.8171	557.33	336.61	6.763
306.00	20.5643	386.13	233.91	6.301	446.00	29.9512	559.81	338.10	6.769
308.00	20.6985	388.61	235.40	6.309	448.00	30.0853	562.29	339.59	6.774
310.00	20.8326	391.10	236.89	6.318	450.00	30.2194	564.77	341.08	6.780
312.00	20.9667	393.58	238.38	6.326	452.00	30.3534	567.25	342.57	6.785
314.00	21.1008	396.06	239.86	6.333	454.00	30.4875	569.73	344.05	6.791
316.00	21.2349	398.54	241.35	6.341	456.00	30.6216	572.21	345.54	6.796
318.00	21.3690	401.02	242.84	6.349	458.00	30.7557	574.69	347.03	6.802
320.00	21.5032	403.50	244.33	6.357	460.00	30.8898	577.17	348.52	6.807
322.00	21.6373	405.98	245.82	6.365	462.00	31.0238	579.65	350.01	6.812
324.00	21.7714	408.47	247.31	6.372	464.00	31.1579	582.14	351.50	6.818
326.00	21.9055	410.95	248.80	6.380	466.00	31.2920	584.62	352.98	6.823
328.00	22.0396	413.43	250.28	6.388	468.00	31.4261	587.10	354.47	6.828
330.00	22.1737	415.91	251.77	6.395	470.00	31.5602	589.58	355.96	6.834
332.00	22.3078	418.39	253.26	6.403	472.00	31.6942	592.06	357.45	6.839
334.00	22.4419	420.87	254.75	6.410	474.00	31.8283	594.54	358.94	6.844
336.00	22.5760	423.35	256.24	6.417	476.00	31.9624	597.02	360.42	6.850
338.00	22.7101	425.83	257.73	6.425	478.00	32.0965	599.50	361.91	6.855
340.00	22.8442	428.31	259.21	6.432	480.00	32.2306	601.98	363.40	6.860
342.00	22.9784	430.80	260.70	6.439	482.00	32.3646	604.46	364.89	6.865
344.00	23.1125	433.28	262.19	6.447	484.00	32.4987	606.94	366.38	6.870
346.00	23.2466	435.76	263.68	6.454	486.00	32.6328	609.42	367.87	6.875
348.00	23.3807	438.24	265.17	6.461	488.00	32.7669	611.91	369.35	6.880
350.00	23.5148	440.72	266.66	6.468	490.00	32.9010	614.39	370.84	6.885
352.00	23.6489	443.20	268.15	6.475	492.00	33.0350	616.87	372.33	6.891
354.00	23.7830	445.68	269.63	6.482	494.00	33.1691	619.35	373.82	6.896
356.00	23.9171	448.16	271.12	6.489	496.00	33.3032	621.83	375.31	6.901
358.00	24.0512	450.65	272.61	6.496	498.00	33.4373	624.31	376.80	6.906
360.00	24.1853	453.13	274.10	6.503	500.00	33.5713	626.79	378.28	6.911
362.00	24.3194	455.61	275.59	6.510	502.00	33.7054	629.27	379.77	6.915
364.00	24.4535	458.09	277.08	6.517	504.00	33.8395	631.75	381.26	6.920
366.00	24.5876	460.57	278.56	6.524	506.00	33.9736	634.23	382.75	6.925
368.00	24.7217	463.05	280.05	6.530	508.00	34.1076	636.71	384.24	6.930
370.00	24.8558	465.53	281.54	6.537	510.00	34.2417	639.19	385.73	6.935
372.00	24.9899	468.01	283.03	6.544	512.00	34.3758	641.67	387.21	6.940
374.00	25.1240	470.49	284.52	6.550	514.00	34.5099	644.16	388.70	6.945
376.00	25.2581	472.98	286.01	6.557	516.00	34.6439	646.64	390.19	6.950
378.00	25.3922	475.46	287.50	6.564	518.00	34.7780	649.12	391.68	6.954
380.00	25.5263	477.94	288.98	6.570	520.00	34.9121	651.60	393.17	6.959
382.00	25.6604	480.42	290.47	6.577	522.00	35.0462	654.08	394.66	6.964
384.00	25.7944	482.90	291.96	6.583	524.00	35.1802	656.56	396.14	6.969
386.00	25.9285	485.38	293.45	6.590	526.00	35.3143	659.04	397.63	6.973
388.00	26.0626	487.86	294.94	6.596	528.00	35.4484	661.52	399.12	6.978
390.00	26.1967	490.34	296.43	6.602	530.00	35.5825	664.00	400.61	6.983
392.00	26.3308	492.82	297.91	6.609	532.00	35.7165	666.48	402.10	6.987
394.00	26.4649	495.30	299.40	6.615	534.00	35.8506	668.96	403.58	6.992
396.00	26.5990	497.79	300.89	6.621	536.00	35.9847	671.44	405.07	6.997
398.00	26.7331	500.27	302.38	6.628	538.00	36.1188	673.92	406.56	7.001
400.00	26.8672	502.75	303.87	6.634	540.00	36.2528	676.40	408.05	7.006

TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)	TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)
					122.00	6.5808	157.73	96.84	5.049
					124.00	6.6885	160.22	98.33	5.069
					126.00	6.7961	162.71	99.83	5.089
					128.00	6.9037	165.20	101.32	5.108
					130.00	7.0113	167.68	102.81	5.128
					132.00	7.1189	170.17	104.30	5.147
					134.00	7.2265	172.66	105.79	5.165
					136.00	7.3341	175.14	107.28	5.184
					138.00	7.4417	177.63	108.77	5.202
					140.00	7.5492	180.12	110.26	5.220
					142.00	7.6568	182.60	111.76	5.237
					144.00	7.7643	185.09	113.25	5.255
6.00	.1099	3.40	2.38	.592	146.00	7.8719	187.58	114.74	5.272
8.00	.1208	5.04	3.92	.817	148.00	7.9794	190.06	116.23	5.289
10.00	.1590	8.19	6.72	1.168	150.00	8.0869	192.55	117.72	5.305
12.00	.4284	16.08	12.11	1.908	152.00	8.1944	195.03	119.21	5.322
14.00	.5913	19.79	14.32	2.196	154.00	8.3019	197.52	120.70	5.338
16.00	.7321	23.00	16.22	2.409	156.00	8.4094	200.00	122.19	5.354
18.00	.8628	25.97	17.99	2.585	158.00	8.5169	202.49	123.68	5.370
20.00	.9878	28.82	19.68	2.735	160.00	8.6244	204.97	125.17	5.386
22.00	1.1090	31.58	21.32	2.866	162.00	8.7319	207.46	126.66	5.401
24.00	1.2276	34.29	22.93	2.984	164.00	8.8394	209.94	128.15	5.416
26.00	1.3443	36.96	24.52	3.091	166.00	8.9468	212.43	129.64	5.431
28.00	1.4596	39.60	26.10	3.189	168.00	9.0543	214.91	131.13	5.446
30.00	1.5737	42.22	27.66	3.279	170.00	9.1618	217.40	132.62	5.461
32.00	1.6870	44.82	29.21	3.363	172.00	9.2692	219.88	134.11	5.476
34.00	1.7996	47.40	30.75	3.442	174.00	9.3767	222.36	135.60	5.490
36.00	1.9116	49.97	32.29	3.515	176.00	9.4841	224.85	137.09	5.504
38.00	2.0230	52.54	33.82	3.584	178.00	9.5916	227.33	138.58	5.518
40.00	2.1341	55.09	35.34	3.650	180.00	9.6990	229.82	140.07	5.532
42.00	2.2448	57.64	36.87	3.712	182.00	9.8064	232.30	141.56	5.546
44.00	2.3552	60.18	38.39	3.771	184.00	9.9139	234.78	143.05	5.559
46.00	2.4653	62.71	39.90	3.827	186.00	10.0213	237.27	144.54	5.573
48.00	2.5752	65.25	41.42	3.881	188.00	10.1287	239.75	146.03	5.586
50.00	2.6848	67.77	42.93	3.933	190.00	10.2361	242.24	147.52	5.599
52.00	2.7943	70.30	44.44	3.982	192.00	10.3435	244.72	149.01	5.612
54.00	2.9037	72.82	45.95	4.030	194.00	10.4509	247.20	150.50	5.625
56.00	3.0129	75.33	47.46	4.076	196.00	10.5583	249.69	151.99	5.638
58.00	3.1219	77.85	48.96	4.120	198.00	10.6657	252.17	153.48	5.650
60.00	3.2308	80.36	50.47	4.162	200.00	10.7731	254.65	154.97	5.663
62.00	3.3397	82.87	51.97	4.204	202.00	10.8805	257.14	156.46	5.675
64.00	3.4484	85.38	53.47	4.243	204.00	10.9879	259.62	157.95	5.687
66.00	3.5571	87.89	54.97	4.282	206.00	11.0953	262.10	159.44	5.700
68.00	3.6656	90.39	56.47	4.319	208.00	11.2027	264.59	160.93	5.712
70.00	3.7741	92.90	57.98	4.356	210.00	11.3101	267.07	162.42	5.723
72.00	3.8825	95.40	59.47	4.391	212.00	11.4175	269.55	163.91	5.735
74.00	3.9909	97.90	60.97	4.425	214.00	11.5249	272.03	165.40	5.747
76.00	4.0992	100.40	62.47	4.459	216.00	11.6322	274.52	166.89	5.758
78.00	4.2075	102.90	63.97	4.491	218.00	11.7396	277.00	168.38	5.770
80.00	4.3157	105.40	65.47	4.523	220.00	11.8470	279.48	169.86	5.781
82.00	4.4238	107.90	66.96	4.554	222.00	11.9544	281.97	171.35	5.792
84.00	4.5319	110.39	68.46	4.584	224.00	12.0617	284.45	172.84	5.804
86.00	4.6400	112.89	69.96	4.613	226.00	12.1691	286.93	174.33	5.815
88.00	4.7481	115.39	71.45	4.642	228.00	12.2765	289.41	175.82	5.825
90.00	4.8561	117.88	72.95	4.670	230.00	12.3838	291.90	177.31	5.836
92.00	4.9640	120.37	74.44	4.697	232.00	12.4912	294.38	178.80	5.847
94.00	5.0720	122.87	75.94	4.724	234.00	12.5985	296.86	180.29	5.858
96.00	5.1799	125.36	77.43	4.750	236.00	12.7059	299.34	181.78	5.868
98.00	5.2878	127.85	78.93	4.776	238.00	12.8132	301.83	183.27	5.879
100.00	5.3956	130.35	80.42	4.801	240.00	12.9206	304.31	184.76	5.889
102.00	5.5035	132.84	81.91	4.826	242.00	13.0279	306.79	186.25	5.899
104.00	5.6113	135.33	83.41	4.850	244.00	13.1353	309.27	187.73	5.910
106.00	5.7191	137.82	84.90	4.874	246.00	13.2426	311.76	189.22	5.920
108.00	5.8269	140.31	86.39	4.897	248.00	13.3500	314.24	190.71	5.930
110.00	5.9346	142.80	87.89	4.920	250.00	13.4573	316.72	192.20	5.940
112.00	6.0424	145.29	89.38	4.942	252.00	13.5647	319.20	193.69	5.950
114.00	6.1501	147.78	90.87	4.964	254.00	13.6720	321.69	195.18	5.960
116.00	6.2578	150.27	92.36	4.986	256.00	13.7793	324.17	196.67	5.969
118.00	6.3655	152.76	93.86	5.007	258.00	13.8867	326.65	198.16	5.979
120.00	6.4731	155.24	95.35	5.028	260.00	13.9940	329.13	199.65	5.988

TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)	TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)
262.00	14.1013	331.61	201.14	5.998	402.00	21.6124	505.32	305.34	6.529
264.00	14.2087	334.10	202.62	6.007	404.00	21.7197	507.80	306.83	6.535
266.00	14.3160	336.58	204.11	6.017	406.00	21.8270	510.28	308.32	6.541
268.00	14.4233	339.06	205.60	6.026	408.00	21.9343	512.76	309.81	6.548
270.00	14.5307	341.54	207.09	6.035	410.00	22.0416	515.24	311.30	6.554
272.00	14.6380	344.02	208.58	6.044	412.00	22.1488	517.72	312.78	6.560
274.00	14.7453	346.51	210.07	6.054	414.00	22.2561	520.21	314.27	6.566
276.00	14.8526	348.99	211.56	6.063	416.00	22.3634	522.69	315.76	6.572
278.00	14.9600	351.47	213.05	6.072	418.00	22.4707	525.17	317.25	6.578
280.00	15.0673	353.95	214.54	6.080	420.00	22.5779	527.65	318.74	6.584
282.00	15.1746	356.43	216.02	6.089	422.00	22.6852	530.13	320.23	6.589
284.00	15.2819	358.92	217.51	6.098	424.00	22.7925	532.61	321.71	6.595
286.00	15.3893	361.40	219.00	6.107	426.00	22.8998	535.09	323.20	6.601
288.00	15.4966	363.88	220.49	6.115	428.00	23.0071	537.57	324.69	6.607
290.00	15.6039	366.36	221.98	6.124	430.00	23.1143	540.05	326.18	6.613
292.00	15.7112	368.84	223.47	6.133	432.00	23.2216	542.53	327.67	6.618
294.00	15.8185	371.32	224.96	6.141	434.00	23.3289	545.02	329.16	6.624
296.00	15.9258	373.81	226.45	6.149	436.00	23.4362	547.50	330.64	6.630
298.00	16.0331	376.29	227.94	6.158	438.00	23.5434	549.98	332.13	6.636
300.00	16.1405	378.77	229.42	6.166	440.00	23.6507	552.46	333.62	6.641
302.00	16.2478	381.25	230.91	6.174	442.00	23.7580	554.94	335.11	6.647
304.00	16.3551	383.73	232.40	6.183	444.00	23.8652	557.42	336.60	6.652
306.00	16.4624	386.21	233.89	6.191	446.00	23.9725	559.90	338.09	6.658
308.00	16.5697	388.70	235.38	6.199	448.00	24.0798	562.38	339.58	6.664
310.00	16.6770	391.18	236.87	6.207	450.00	24.1871	564.86	341.06	6.669
312.00	16.7843	393.66	238.36	6.215	452.00	24.2943	567.34	342.55	6.675
314.00	16.8916	396.14	239.84	6.223	454.00	24.4016	569.83	344.04	6.680
316.00	16.9989	398.62	241.33	6.231	456.00	24.5089	572.31	345.53	6.686
318.00	17.1062	401.10	242.82	6.238	458.00	24.6162	574.79	347.02	6.691
320.00	17.2135	403.59	244.31	6.246	460.00	24.7234	577.27	348.51	6.696
322.00	17.3208	406.07	245.80	6.254	462.00	24.8307	579.75	349.99	6.702
324.00	17.4281	408.55	247.29	6.262	464.00	24.9380	582.23	351.48	6.707
326.00	17.5354	411.03	248.78	6.269	466.00	25.0452	584.71	352.97	6.712
328.00	17.6427	413.51	250.27	6.277	468.00	25.1525	587.19	354.46	6.718
330.00	17.7500	415.99	251.75	6.284	470.00	25.2598	589.67	355.95	6.723
332.00	17.8573	418.47	253.24	6.292	472.00	25.3670	592.15	357.44	6.728
334.00	17.9646	420.96	254.73	6.299	474.00	25.4743	594.64	358.92	6.734
336.00	18.0719	423.44	256.22	6.307	476.00	25.5816	597.12	360.41	6.739
338.00	18.1792	425.92	257.71	6.314	478.00	25.6889	599.60	361.90	6.744
340.00	18.2865	428.40	259.20	6.321	480.00	25.7961	602.08	363.39	6.749
342.00	18.3938	430.88	260.69	6.329	482.00	25.9034	604.56	364.88	6.754
344.00	18.5011	433.36	262.17	6.336	484.00	26.0107	607.04	366.37	6.759
346.00	18.6084	435.84	263.66	6.343	486.00	26.1179	609.52	367.85	6.765
348.00	18.7157	438.33	265.15	6.350	488.00	26.2252	612.00	369.34	6.770
350.00	18.8230	440.81	266.64	6.357	490.00	26.3325	614.48	370.83	6.775
352.00	18.9303	443.29	268.13	6.364	492.00	26.4397	616.96	372.32	6.780
354.00	19.0376	445.77	269.62	6.371	494.00	26.5470	619.44	373.81	6.785
356.00	19.1449	448.25	271.11	6.378	496.00	26.6543	621.92	375.30	6.790
358.00	19.2522	450.73	272.59	6.385	498.00	26.7615	624.41	376.78	6.795
360.00	19.3595	453.21	274.08	6.392	500.00	26.8688	626.89	378.27	6.800
362.00	19.4667	455.70	275.57	6.399	502.00	26.9761	629.37	379.76	6.805
364.00	19.5740	458.18	277.06	6.406	504.00	27.0833	631.85	381.25	6.810
366.00	19.6813	460.66	278.55	6.413	506.00	27.1906	634.33	382.74	6.815
368.00	19.7886	463.14	280.04	6.420	508.00	27.2979	636.81	384.23	6.819
370.00	19.8959	465.62	281.53	6.426	510.00	27.4051	639.29	385.71	6.824
372.00	20.0032	468.10	283.01	6.433	512.00	27.5124	641.77	387.20	6.829
374.00	20.1105	470.58	284.50	6.440	514.00	27.6197	644.25	388.69	6.834
376.00	20.2178	473.06	285.99	6.446	516.00	27.7269	646.73	390.18	6.839
378.00	20.3250	475.55	287.48	6.453	518.00	27.8342	649.21	391.67	6.844
380.00	20.4323	478.03	288.97	6.459	520.00	27.9415	651.69	393.16	6.848
382.00	20.5396	480.51	290.46	6.466	522.00	28.0487	654.18	394.64	6.853
384.00	20.6469	482.99	291.95	6.472	524.00	28.1560	656.66	396.13	6.858
386.00	20.7542	485.47	293.43	6.479	526.00	28.2632	659.14	397.62	6.863
388.00	20.8615	487.95	294.92	6.485	528.00	28.3705	661.62	399.11	6.867
390.00	20.9687	490.43	296.41	6.492	530.00	28.4778	664.10	400.60	6.872
392.00	21.0760	492.91	297.90	6.498	532.00	28.5850	666.58	402.09	6.877
394.00	21.1833	495.39	299.39	6.504	534.00	28.6923	669.06	403.57	6.881
396.00	21.2906	497.88	300.88	6.511	536.00	28.7996	671.54	405.06	6.886
398.00	21.3979	500.36	302.36	6.517	538.00	28.9068	674.02	406.55	6.891
400.00	21.5052	502.84	303.85	6.523	540.00	29.0141	676.50	408.04	6.895

TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/L8)	ENTROPY (BTU/L8-R)	TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/L8)	ENTHALPY (BTU/L8)	INTERNAL ENERGY (BTU/L8)	ENTROPY (BTU/L8-R)
					122.00	5.4906	157.76	96.79	4.958
					124.00	5.5804	160.25	98.29	4.978
					126.00	5.6702	162.74	99.78	4.998
					128.00	5.7599	165.23	101.27	5.017
					130.00	5.8496	167.71	102.76	5.037
					132.00	5.9394	170.20	104.26	5.056
					134.00	6.0291	172.69	105.75	5.074
					136.00	6.1188	175.18	107.24	5.093
					138.00	6.2085	177.67	108.73	5.111
					140.00	6.2982	180.15	110.22	5.129
					142.00	6.3878	182.64	111.71	5.147
					144.00	6.4775	185.13	113.21	5.164
6.00	.1088	3.56	2.35	.586	146.00	6.5672	187.62	114.70	5.181
8.00	.1186	5.15	3.83	.803	148.00	6.6568	190.10	116.19	5.198
10.00	.1448	7.79	6.18	1.100	150.00	6.7465	192.59	117.68	5.215
12.00	.3185	14.75	11.21	1.740	152.00	6.8361	195.08	119.17	5.231
14.00	.4683	18.96	13.76	2.066	154.00	6.9257	197.56	120.66	5.247
16.00	.5917	22.36	15.79	2.294	156.00	7.0154	200.05	122.15	5.264
18.00	.7045	25.45	17.63	2.476	158.00	7.1050	202.53	123.64	5.279
20.00	.8114	28.38	19.37	2.630	160.00	7.1946	205.02	125.14	5.295
22.00	.9145	31.20	21.05	2.765	162.00	7.2842	207.51	126.63	5.310
24.00	1.0150	33.96	22.69	2.884	164.00	7.3738	209.99	128.12	5.326
26.00	1.1137	36.66	24.30	2.993	166.00	7.4634	212.48	129.61	5.341
28.00	1.2109	39.33	25.89	3.092	168.00	7.5530	214.96	131.10	5.356
30.00	1.3071	41.98	27.46	3.183	170.00	7.6426	217.45	132.59	5.370
32.00	1.4024	44.60	29.03	3.268	172.00	7.7322	219.93	134.08	5.385
34.00	1.4969	47.20	30.58	3.347	174.00	7.8217	222.42	135.57	5.399
36.00	1.5909	49.79	32.13	3.421	176.00	7.9113	224.90	137.06	5.413
38.00	1.6844	52.37	33.67	3.490	178.00	8.0009	227.39	138.55	5.427
40.00	1.7775	54.94	35.20	3.556	180.00	8.0904	229.87	140.04	5.441
42.00	1.8703	57.50	36.73	3.619	182.00	8.1800	232.36	141.53	5.455
44.00	1.9627	60.05	38.26	3.678	184.00	8.2695	234.84	143.02	5.469
46.00	2.0549	62.60	39.78	3.735	186.00	8.3591	237.33	144.51	5.482
48.00	2.1469	65.14	41.30	3.789	188.00	8.4486	239.81	146.00	5.495
50.00	2.2386	67.67	42.82	3.840	190.00	8.5382	242.29	147.49	5.508
52.00	2.3302	70.20	44.33	3.890	192.00	8.6277	244.78	148.98	5.522
54.00	2.4216	72.73	45.84	3.938	194.00	8.7172	247.26	150.47	5.534
56.00	2.5129	75.26	47.35	3.984	196.00	8.8068	249.75	151.96	5.547
58.00	2.6041	77.78	48.86	4.028	198.00	8.8963	252.23	153.45	5.560
60.00	2.6951	80.30	50.37	4.071	200.00	8.9858	254.71	154.94	5.572
62.00	2.7860	82.81	51.88	4.112	202.00	9.0754	257.20	156.43	5.585
64.00	2.8769	85.33	53.38	4.152	204.00	9.1649	259.68	157.92	5.597
66.00	2.9676	87.84	54.89	4.190	206.00	9.2544	262.17	159.41	5.609
68.00	3.0583	90.35	56.39	4.228	208.00	9.3439	264.65	160.90	5.621
70.00	3.1489	92.86	57.89	4.264	210.00	9.4334	267.13	162.39	5.633
72.00	3.2394	95.36	59.40	4.299	212.00	9.5229	269.62	163.88	5.645
74.00	3.3299	97.87	60.90	4.334	214.00	9.6124	272.10	165.37	5.656
76.00	3.4203	100.37	62.40	4.367	216.00	9.7019	274.58	166.86	5.668
78.00	3.5107	102.88	63.90	4.400	218.00	9.7914	277.07	168.35	5.679
80.00	3.6010	105.38	65.40	4.431	220.00	9.8809	279.55	169.84	5.691
82.00	3.6913	107.88	66.89	4.462	222.00	9.9704	282.03	171.33	5.702
84.00	3.7815	110.38	68.39	4.492	224.00	10.0599	284.52	172.82	5.713
86.00	3.8717	112.88	69.89	4.522	226.00	10.1494	287.00	174.31	5.724
88.00	3.9618	115.38	71.39	4.550	228.00	10.2389	289.48	175.80	5.735
90.00	4.0520	117.87	72.88	4.579	230.00	10.3284	291.97	177.29	5.746
92.00	4.1420	120.37	74.38	4.606	232.00	10.4179	294.45	178.77	5.756
94.00	4.2321	122.87	75.88	4.633	234.00	10.5074	296.93	180.26	5.767
96.00	4.3221	125.36	77.37	4.659	236.00	10.5968	299.41	181.75	5.778
98.00	4.4121	127.86	78.87	4.685	238.00	10.6863	301.90	183.24	5.788
100.00	4.5021	130.35	80.36	4.710	240.00	10.7758	304.38	184.73	5.799
102.00	4.5921	132.85	81.86	4.735	242.00	10.8653	306.86	186.22	5.809
104.00	4.6820	135.34	83.35	4.759	244.00	10.9547	309.35	187.71	5.819
106.00	4.7719	137.83	84.85	4.783	246.00	11.0442	311.83	189.20	5.829
108.00	4.8618	140.32	86.34	4.806	248.00	11.1337	314.31	190.69	5.839
110.00	4.9517	142.82	87.83	4.829	250.00	11.2232	316.79	192.18	5.849
112.00	5.0416	145.31	89.33	4.851	252.00	11.3126	319.28	193.67	5.859
114.00	5.1314	147.80	90.82	4.873	254.00	11.4021	321.76	195.16	5.869
116.00	5.2212	150.29	92.31	4.895	256.00	11.4916	324.24	196.65	5.879
118.00	5.3111	152.78	93.81	4.916	258.00	11.5810	326.72	198.14	5.888
120.00	5.4008	155.27	95.30	4.937	260.00	11.6705	329.21	199.62	5.898

TEMPERATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB-R)	ENTROPY (BTU/LB)	TEMPERATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB-R)	ENTROPY (BTU/LB)
262.00	11.7599	331.69	201.11	5.907	402.00	18.0199	505.41	305.33	6.439
264.00	11.8494	334.17	202.60	5.917	404.00	18.1093	507.89	306.82	6.445
266.00	11.9389	336.65	204.09	5.926	406.00	18.1987	510.37	308.30	6.451
268.00	12.0283	339.14	205.58	5.936	408.00	18.2881	512.85	309.79	6.457
270.00	12.1178	341.62	207.07	5.945	410.00	18.3775	515.33	311.28	6.463
272.00	12.2072	344.10	208.56	5.954	412.00	18.4669	517.82	312.77	6.469
274.00	12.2967	346.58	210.05	5.963	414.00	18.5563	520.30	314.26	6.475
276.00	12.3861	349.07	211.54	5.972	416.00	18.6457	522.78	315.75	6.481
278.00	12.4756	351.55	213.03	5.981	418.00	18.7351	525.26	317.23	6.487
280.00	12.5650	354.03	214.51	5.990	420.00	18.8245	527.74	318.72	6.493
282.00	12.6545	356.51	216.00	5.999	422.00	18.9139	530.22	320.21	6.499
284.00	12.7439	358.99	217.49	6.008	424.00	19.0033	532.70	321.70	6.505
286.00	12.8334	361.48	218.98	6.016	426.00	19.0927	535.18	323.19	6.511
288.00	12.9228	363.96	220.47	6.025	428.00	19.1821	537.67	324.68	6.516
290.00	13.0122	366.44	221.96	6.033	430.00	19.2715	540.15	326.17	6.522
292.00	13.1017	368.92	223.45	6.042	432.00	19.3609	542.63	327.65	6.528
294.00	13.1911	371.40	224.94	6.050	434.00	19.4503	545.11	329.14	6.534
296.00	13.2806	373.89	226.43	6.059	436.00	19.5397	547.59	330.63	6.539
298.00	13.3700	376.37	227.92	6.067	438.00	19.6291	550.07	332.12	6.545
300.00	13.4594	378.85	229.40	6.076	440.00	19.7185	552.55	333.61	6.551
302.00	13.5489	381.33	230.89	6.084	442.00	19.8079	555.03	335.10	6.556
304.00	13.6383	383.81	232.38	6.092	444.00	19.8973	557.51	336.59	6.562
306.00	13.7278	386.30	233.87	6.100	446.00	19.9867	560.00	338.07	6.568
308.00	13.8172	388.78	235.36	6.108	448.00	20.0761	562.48	339.56	6.573
310.00	13.9066	391.26	236.85	6.116	450.00	20.1655	564.96	341.05	6.579
312.00	13.9961	393.74	238.34	6.124	452.00	20.2549	567.44	342.54	6.584
314.00	14.0855	396.22	239.83	6.132	454.00	20.3443	569.92	344.03	6.590
316.00	14.1749	398.71	241.31	6.140	456.00	20.4337	572.40	345.52	6.595
318.00	14.2644	401.19	242.80	6.148	458.00	20.5231	574.88	347.00	6.600
320.00	14.3538	403.67	244.29	6.156	460.00	20.6125	577.36	348.49	6.606
322.00	14.4432	406.15	245.78	6.163	462.00	20.7019	579.84	349.98	6.611
324.00	14.5326	408.63	247.27	6.171	464.00	20.7913	582.33	351.47	6.617
326.00	14.6221	411.11	248.76	6.179	466.00	20.8807	584.81	352.96	6.622
328.00	14.7115	413.60	250.25	6.186	468.00	20.9701	587.29	354.45	6.627
330.00	14.8009	416.08	251.74	6.194	470.00	21.0595	589.77	355.93	6.633
332.00	14.8903	418.56	253.22	6.201	472.00	21.1489	592.25	357.42	6.638
334.00	14.9798	421.04	254.71	6.209	474.00	21.2383	594.73	358.91	6.643
336.00	15.0692	423.52	256.20	6.216	476.00	21.3277	597.21	360.40	6.648
338.00	15.1586	426.00	257.69	6.224	478.00	21.4171	599.69	361.89	6.653
340.00	15.2480	428.49	259.18	6.231	480.00	21.5065	602.17	363.38	6.659
342.00	15.3375	430.97	260.67	6.238	482.00	21.5959	604.65	364.87	6.664
344.00	15.4269	433.45	262.16	6.245	484.00	21.6853	607.14	366.35	6.669
346.00	15.5163	435.93	263.65	6.253	486.00	21.7747	609.62	367.84	6.674
348.00	15.6057	438.41	265.13	6.260	488.00	21.8641	612.10	369.33	6.679
350.00	15.6951	440.89	266.62	6.267	490.00	21.9535	614.58	370.82	6.684
352.00	15.7846	443.38	268.11	6.274	492.00	22.0429	617.06	372.31	6.689
354.00	15.8740	445.86	269.60	6.281	494.00	22.1323	619.54	373.80	6.694
356.00	15.9634	448.34	271.09	6.288	496.00	22.2216	622.02	375.28	6.699
358.00	16.0528	450.82	272.58	6.295	498.00	22.3110	624.50	376.77	6.704
360.00	16.1422	453.30	274.07	6.302	500.00	22.4004	626.98	378.26	6.709
362.00	16.2317	455.78	275.56	6.309	502.00	22.4898	629.46	379.75	6.714
364.00	16.3211	458.26	277.04	6.315	504.00	22.5792	631.94	381.24	6.719
366.00	16.4105	460.75	278.53	6.322	506.00	22.6686	634.43	382.73	6.724
368.00	16.4999	463.23	280.02	6.329	508.00	22.7580	636.91	384.21	6.729
370.00	16.5893	465.71	281.51	6.336	510.00	22.8474	639.39	385.70	6.734
372.00	16.6787	468.19	283.00	6.342	512.00	22.9368	641.87	387.19	6.739
374.00	16.7681	470.67	284.49	6.349	514.00	23.0262	644.35	388.68	6.744
376.00	16.8576	473.15	285.98	6.356	516.00	23.1156	646.83	390.17	6.748
378.00	16.9470	475.63	287.46	6.362	518.00	23.2050	649.31	391.66	6.753
380.00	17.0364	478.12	288.95	6.369	520.00	23.2944	651.79	393.14	6.758
382.00	17.1258	480.60	290.44	6.375	522.00	23.3837	654.27	394.63	6.763
384.00	17.2152	483.08	291.93	6.382	524.00	23.4731	656.75	396.12	6.767
386.00	17.3046	485.56	293.42	6.388	526.00	23.5625	659.24	397.61	6.772
388.00	17.3940	488.04	294.91	6.395	528.00	23.6519	661.72	399.10	6.777
390.00	17.4834	490.52	296.40	6.401	530.00	23.7413	664.20	400.59	6.782
392.00	17.5728	493.00	297.88	6.407	532.00	23.8307	666.68	402.07	6.786
394.00	17.6622	495.48	299.37	6.414	534.00	23.9201	669.16	403.56	6.791
396.00	17.7517	497.97	300.86	6.420	536.00	24.0095	671.64	405.05	6.796
398.00	17.8411	500.45	302.35	6.426	538.00	24.0989	674.12	406.54	6.800
400.00	17.9305	502.93	303.84	6.432	540.00	24.1883	676.60	408.03	6.805

70.00 PSIA ISOBAR

TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (8TU/L8)	INTERNAL ENERGY (8TU/L8)	ENTROPY (8TU/L8-R)	TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (8TU/L8)	INTERNAL ENERGY (8TU/L8)	ENTROPY (8TU/L8-R)
					122.00	4.7120	157.79	96.75	4.881
					124.00	4.7890	160.28	98.24	4.901
					126.00	4.8660	162.77	99.73	4.921
					128.00	4.9429	165.26	101.23	4.941
					130.00	5.0199	167.75	102.72	4.960
					132.00	5.0968	170.24	104.21	4.979
					134.00	5.1738	172.73	105.70	4.998
					136.00	5.2507	175.22	107.20	5.016
					138.00	5.3277	177.70	108.69	5.034
					140.00	5.4046	180.19	110.18	5.052
					142.00	5.4815	182.68	111.67	5.070
					144.00	5.5584	185.17	113.17	5.087
6.00	.1078	3.73	2.33	.580	146.00	5.6353	187.66	114.66	5.104
8.00	.1167	5.27	3.75	.791	148.00	5.7122	190.15	116.15	5.121
10.00	.2200	11.13	8.28	1.375	150.00	5.7890	192.63	117.64	5.138
12.00	.2425	13.31	10.16	1.577	152.00	5.8659	195.12	119.13	5.154
14.00	.3817	18.11	13.17	1.950	154.00	5.9428	197.61	120.62	5.171
16.00	.4926	21.72	15.34	2.192	156.00	6.0196	200.09	122.12	5.187
18.00	.5924	24.94	17.26	2.381	158.00	6.0965	202.58	123.61	5.203
20.00	.6862	27.94	19.05	2.539	160.00	6.1733	205.07	125.10	5.218
22.00	.7763	30.83	20.77	2.677	162.00	6.2501	207.55	126.59	5.234
24.00	.8638	33.63	22.44	2.799	164.00	6.3270	210.04	128.08	5.249
26.00	.9495	36.37	24.07	2.909	166.00	6.4038	212.53	129.57	5.264
28.00	1.0338	39.07	25.68	3.009	168.00	6.4806	215.01	131.06	5.279
30.00	1.1170	41.74	27.27	3.101	170.00	6.5574	217.50	132.55	5.294
32.00	1.1994	44.39	28.85	3.186	172.00	6.6343	219.99	134.05	5.308
34.00	1.2811	47.01	30.42	3.266	174.00	6.7111	222.47	135.54	5.323
36.00	1.3622	49.62	31.97	3.340	176.00	6.7879	224.96	137.03	5.337
38.00	1.4428	52.21	33.52	3.410	178.00	6.8647	227.44	138.52	5.351
40.00	1.5231	54.79	35.06	3.476	180.00	6.9415	229.93	140.01	5.365
42.00	1.6030	57.36	36.60	3.539	182.00	7.0182	232.41	141.50	5.378
44.00	1.6826	59.93	38.13	3.599	184.00	7.0950	234.90	142.99	5.392
46.00	1.7620	62.48	39.66	3.656	186.00	7.1718	237.38	144.48	5.405
48.00	1.8411	65.03	41.18	3.710	188.00	7.2486	239.87	145.97	5.419
50.00	1.9201	67.58	42.70	3.762	190.00	7.3254	242.35	147.46	5.432
52.00	1.9988	70.12	44.22	3.812	192.00	7.4021	244.84	148.95	5.445
54.00	2.0775	72.65	45.74	3.859	194.00	7.4789	247.32	150.44	5.458
56.00	2.1559	75.18	47.25	3.905	196.00	7.5557	249.81	151.93	5.470
58.00	2.2343	77.71	48.77	3.950	198.00	7.6324	252.29	153.42	5.483
60.00	2.3125	80.23	50.28	3.993	200.00	7.7092	254.78	154.91	5.496
62.00	2.3907	82.76	51.79	4.034	202.00	7.7859	257.26	156.40	5.508
64.00	2.4687	85.27	53.29	4.074	204.00	7.8627	259.75	157.89	5.520
66.00	2.5467	87.79	54.80	4.113	206.00	7.9394	262.23	159.38	5.532
68.00	2.6246	90.31	56.31	4.150	208.00	8.0162	264.71	160.87	5.544
70.00	2.7024	92.82	57.81	4.187	210.00	8.0929	267.20	162.36	5.556
72.00	2.7801	95.33	59.32	4.222	212.00	8.1697	269.68	163.85	5.568
74.00	2.8578	97.84	60.82	4.256	214.00	8.2464	272.17	165.34	5.580
76.00	2.9354	100.35	62.32	4.290	216.00	8.3231	274.65	166.83	5.591
78.00	3.0130	102.85	63.82	4.322	218.00	8.3999	277.13	168.32	5.603
80.00	3.0906	105.36	65.32	4.354	220.00	8.4766	279.62	169.81	5.614
82.00	3.1681	107.86	66.82	4.385	222.00	8.5533	282.10	171.30	5.625
84.00	3.2455	110.37	68.32	4.415	224.00	8.6301	284.58	172.79	5.636
86.00	3.3229	112.87	69.82	4.445	226.00	8.7068	287.07	174.28	5.647
88.00	3.4003	115.37	71.32	4.473	228.00	8.7835	289.55	175.77	5.658
90.00	3.4777	117.87	72.82	4.501	230.00	8.8602	292.04	177.26	5.669
92.00	3.5550	120.37	74.32	4.529	232.00	8.9369	294.52	178.75	5.680
94.00	3.6233	122.87	75.82	4.556	234.00	9.0137	297.00	180.24	5.691
96.00	3.7095	125.37	77.31	4.582	236.00	9.0904	299.49	181.73	5.701
98.00	3.7867	127.86	78.81	4.608	238.00	9.1671	301.97	183.22	5.712
100.00	3.8639	130.36	80.31	4.633	240.00	9.2438	304.45	184.71	5.722
102.00	3.9411	132.85	81.80	4.658	242.00	9.3205	306.94	186.20	5.732
104.00	4.0183	135.35	83.30	4.682	244.00	9.3972	309.42	187.69	5.743
106.00	4.0954	137.84	84.79	4.706	246.00	9.4739	311.90	189.18	5.753
108.00	4.1726	140.34	86.29	4.729	248.00	9.5506	314.38	190.67	5.763
110.00	4.2497	142.83	87.78	4.752	250.00	9.6273	316.87	192.15	5.773
112.00	4.3268	145.33	89.28	4.774	252.00	9.7040	319.35	193.64	5.783
114.00	4.4038	147.82	90.77	4.796	254.00	9.7807	321.83	195.13	5.792
116.00	4.4809	150.31	92.27	4.818	256.00	9.8574	324.32	196.62	5.802
118.00	4.5579	152.80	93.76	4.839	258.00	9.9341	326.80	198.11	5.812
120.00	4.6350	155.29	95.25	4.860	260.00	10.0108	329.28	199.60	5.821

TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/L8)	ENTHALPY (BTU/L8)	INTERNAL ENERGY (BTU/L8)	ENTROPY (BTU/L8-R)	TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/L8)	ENTHALPY (BTU/L8)	INTERNAL ENERGY (BTU/L8-K)	ENTROPY (BTU/L8)
262.00	10.0875	331.76	201.09	5.831	402.00	15.4538	505.50	305.31	6.362
264.00	10.1642	334.25	202.58	5.840	404.00	15.5304	507.98	306.80	6.368
266.00	10.2409	336.73	204.07	5.850	406.00	15.6070	510.46	308.29	6.374
268.00	10.3176	339.21	205.56	5.859	408.00	15.6837	512.94	309.78	6.381
270.00	10.3943	341.70	207.05	5.868	410.00	15.7603	515.43	311.27	6.387
272.00	10.4710	344.18	208.54	5.877	412.00	15.8370	517.91	312.75	6.393
274.00	10.5476	346.66	210.03	5.886	414.00	15.9136	520.39	314.24	6.399
276.00	10.6243	349.14	211.52	5.896	416.00	15.9902	522.87	315.73	6.405
278.00	10.7010	351.63	213.00	5.904	418.00	16.0669	525.35	317.22	6.411
280.00	10.7777	354.11	214.49	5.913	420.00	16.1435	527.83	318.71	6.417
282.00	10.8544	356.59	215.98	5.922	422.00	16.2201	530.31	320.20	6.422
284.00	10.9310	359.07	217.47	5.931	424.00	16.2968	532.80	321.69	6.428
286.00	11.0077	361.56	218.96	5.940	426.00	16.3734	535.28	323.17	6.434
288.00	11.0844	364.04	220.45	5.948	428.00	16.4501	537.76	324.66	6.440
290.00	11.1611	366.52	221.94	5.957	430.00	16.5267	540.24	326.15	6.446
292.00	11.2378	369.00	223.43	5.965	432.00	16.6033	542.72	327.64	6.451
294.00	11.3144	371.48	224.92	5.974	434.00	16.6800	545.20	329.13	6.457
296.00	11.3911	373.97	226.41	5.982	436.00	16.7566	547.68	330.62	6.463
298.00	11.4678	376.45	227.90	5.991	438.00	16.8332	550.16	332.11	6.469
300.00	11.5444	378.93	229.38	5.999	440.00	16.9099	552.65	333.59	6.474
302.00	11.6211	381.41	230.87	6.007	442.00	16.9865	555.13	335.08	6.480
304.00	11.6978	383.90	232.36	6.015	444.00	17.0631	557.61	336.57	6.485
306.00	11.7745	386.38	233.85	6.024	446.00	17.1398	560.09	338.06	6.491
308.00	11.8511	388.86	235.34	6.032	448.00	17.2164	562.57	339.55	6.497
310.00	11.9278	391.34	236.83	6.040	450.00	17.2930	565.05	341.04	6.502
312.00	12.0045	393.82	238.32	6.048	452.00	17.3697	567.53	342.53	6.508
314.00	12.0811	396.31	239.81	6.056	454.00	17.4463	570.01	344.01	6.513
316.00	12.1578	398.79	241.30	6.063	456.00	17.5229	572.50	345.50	6.519
318.00	12.2344	401.27	242.79	6.071	458.00	17.5995	574.98	346.99	6.524
320.00	12.3111	403.75	244.27	6.079	460.00	17.6762	577.46	348.48	6.529
322.00	12.3878	406.23	245.76	6.087	462.00	17.7528	579.94	349.97	6.535
324.00	12.4644	408.72	247.25	6.095	464.00	17.8294	582.42	351.46	6.540
326.00	12.5411	411.20	248.74	6.102	466.00	17.9061	584.90	352.95	6.545
328.00	12.6178	413.68	250.23	6.110	468.00	17.9827	587.38	354.43	6.551
330.00	12.6944	416.16	251.72	6.117	470.00	18.0593	589.86	355.92	6.556
332.00	12.7711	418.64	253.21	6.125	472.00	18.1360	592.34	357.41	6.561
334.00	12.8477	421.13	254.70	6.132	474.00	18.2126	594.83	358.90	6.567
336.00	12.9244	423.61	256.18	6.140	476.00	18.2892	597.31	360.39	6.572
338.00	13.0010	426.09	257.67	6.147	478.00	18.3658	599.79	361.88	6.577
340.00	13.0777	428.57	259.16	6.154	480.00	18.4425	602.27	363.36	6.582
342.00	13.1544	431.05	260.65	6.162	482.00	18.5191	604.75	364.85	6.587
344.00	13.2310	433.54	262.14	6.169	484.00	18.5957	607.23	366.34	6.592
346.00	13.3077	436.02	263.63	6.176	486.00	18.6724	609.71	367.83	6.598
348.00	13.3843	438.50	265.12	6.183	488.00	18.7490	612.19	369.32	6.603
350.00	13.4610	440.98	266.61	6.190	490.00	18.8256	614.67	370.81	6.608
352.00	13.5376	443.46	268.10	6.197	492.00	18.9022	617.16	372.29	6.613
354.00	13.6143	445.94	269.58	6.204	494.00	18.9789	619.64	373.78	6.618
356.00	13.6909	448.43	271.07	6.211	496.00	19.0555	622.12	375.27	6.623
358.00	13.7676	450.91	272.56	6.218	498.00	19.1321	624.60	376.76	6.628
360.00	13.8442	453.39	274.05	6.225	500.00	19.2087	627.08	378.25	6.633
362.00	13.9209	455.87	275.54	6.232	502.00	19.2854	629.56	379.74	6.638
364.00	13.9975	458.35	277.03	6.239	504.00	19.3620	632.04	381.23	6.643
366.00	14.0742	460.83	278.52	6.246	506.00	19.4386	634.52	382.71	6.648
368.00	14.1508	463.32	280.00	6.253	508.00	19.5153	637.00	384.20	6.653
370.00	14.2275	465.80	281.49	6.259	510.00	19.5919	639.48	385.69	6.657
372.00	14.3041	468.28	282.98	6.266	512.00	19.6685	641.97	387.18	6.662
374.00	14.3808	470.76	284.47	6.273	514.00	19.7451	644.45	388.67	6.667
376.00	14.4574	473.24	285.96	6.279	516.00	19.8218	646.93	390.16	6.672
378.00	14.5341	475.72	287.45	6.286	518.00	19.8984	649.41	391.64	6.677
380.00	14.6107	478.20	288.94	6.292	520.00	19.9750	651.89	393.13	6.681
382.00	14.6873	480.69	290.43	6.299	522.00	20.0516	654.37	394.62	6.686
384.00	14.7640	483.17	291.91	6.305	524.00	20.1282	656.85	396.11	6.691
386.00	14.8406	485.65	293.40	6.312	526.00	20.2049	659.33	397.60	6.696
388.00	14.9173	488.13	294.89	6.318	528.00	20.2815	661.81	399.09	6.700
390.00	14.9939	490.61	296.38	6.325	530.00	20.3581	664.29	400.57	6.705
392.00	15.0706	493.09	297.87	6.331	532.00	20.4347	666.78	402.06	6.710
394.00	15.1472	495.58	299.36	6.337	534.00	20.5114	669.26	403.55	6.714
396.00	15.2238	498.06	300.85	6.344	536.00	20.5880	671.74	405.04	6.719
398.00	15.3005	500.54	302.33	6.350	538.00	20.6646	674.22	406.53	6.724
400.00	15.3771	503.02	303.82	6.356	540.00	20.7412	676.70	408.02	6.728

TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)	TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)
122.00	4.1280	157.81	96.70	4.814	124.00	4.1954	160.31	98.19	4.835
126.00	4.2628	162.80	99.69	4.854	128.00	4.3302	165.29	101.18	4.874
130.00	4.3976	167.78	102.67	4.893	132.00	4.4650	170.27	104.17	4.912
134.00	4.5323	172.76	105.66	4.931	136.00	4.5997	175.25	107.15	4.950
138.00	4.6671	177.74	108.65	4.968	140.00	4.7344	180.23	110.14	4.986
6.00	.1069	3.89	2.31	.574	142.00	4.8017	182.72	111.63	5.003
8.00	.1151	5.39	3.69	.780	144.00	4.8690	185.21	113.13	5.021
10.00	.1326	7.61	5.65	1.031	146.00	4.9364	187.70	114.62	5.038
12.00	.1963	12.08	9.17	1.441	148.00	5.0037	190.19	116.11	5.055
14.00	.3185	17.27	12.55	1.844	150.00	5.0710	192.68	117.60	5.072
16.00	.4193	21.10	14.89	2.100	152.00	5.1383	195.17	119.10	5.088
18.00	.5091	24.43	16.90	2.297	154.00	5.2055	197.65	120.59	5.104
20.00	.5930	27.52	18.74	2.459	156.00	5.2728	200.14	122.08	5.120
22.00	.6732	30.46	20.50	2.600	158.00	5.3401	202.63	123.57	5.136
24.00	.7509	33.31	22.20	2.723	160.00	5.4074	205.12	125.06	5.152
26.00	.8267	36.09	23.85	2.835	162.00	5.4746	207.60	126.55	5.167
28.00	.9013	38.82	25.48	2.936	164.00	5.5419	210.09	128.05	5.183
30.00	.9748	41.52	27.09	3.029	166.00	5.6091	212.58	129.54	5.198
32.00	1.0474	44.18	28.68	3.115	168.00	5.6764	215.07	131.03	5.212
34.00	1.1194	46.82	30.25	3.195	170.00	5.7436	217.55	132.52	5.227
36.00	1.1909	49.45	31.82	3.270	172.00	5.8108	220.04	134.01	5.242
38.00	1.2619	52.05	33.37	3.340	174.00	5.8781	222.53	135.50	5.256
40.00	1.3325	54.65	34.92	3.407	176.00	5.9453	225.01	136.99	5.270
42.00	1.4027	57.23	36.47	3.470	178.00	6.0125	227.50	138.48	5.284
44.00	1.4727	59.81	38.00	3.530	180.00	6.0797	229.98	139.98	5.298
46.00	1.5425	62.37	39.54	3.587	182.00	6.1470	232.47	141.47	5.312
48.00	1.6120	64.93	41.07	3.641	184.00	6.2142	234.96	142.96	5.326
50.00	1.6813	67.48	42.59	3.693	186.00	6.2814	237.44	144.45	5.339
52.00	1.7504	70.03	44.12	3.743	188.00	6.3486	239.93	145.94	5.352
54.00	1.8194	72.57	45.64	3.791	190.00	6.4158	242.41	147.43	5.365
56.00	1.8883	75.11	47.15	3.837	192.00	6.4830	244.90	148.92	5.378
58.00	1.9571	77.64	48.67	3.882	194.00	6.5502	247.38	150.41	5.391
60.00	2.0257	80.17	50.18	3.925	196.00	6.6173	249.87	151.90	5.404
62.00	2.0942	82.70	51.70	3.966	198.00	6.6845	252.35	153.39	5.417
64.00	2.1627	85.23	53.21	4.006	200.00	6.7517	254.84	154.88	5.429
66.00	2.2311	87.75	54.72	4.045	202.00	6.8189	257.32	156.37	5.442
68.00	2.2993	90.27	56.23	4.083	204.00	6.8861	259.81	157.86	5.454
70.00	2.3676	92.78	57.73	4.119	206.00	6.9532	262.29	159.35	5.466
72.00	2.4357	95.30	59.24	4.155	208.00	7.0204	264.78	160.84	5.478
74.00	2.5038	97.81	60.74	4.189	210.00	7.0876	267.26	162.33	5.490
76.00	2.5719	100.32	62.25	4.223	212.00	7.1547	269.75	163.82	5.502
78.00	2.6399	102.83	63.75	4.255	214.00	7.2219	272.23	165.31	5.513
80.00	2.7078	105.34	65.25	4.287	216.00	7.2891	274.72	166.80	5.525
82.00	2.7757	107.85	66.76	4.318	218.00	7.3562	277.20	168.29	5.536
84.00	2.8436	110.35	68.26	4.348	220.00	7.4234	279.68	169.78	5.548
86.00	2.9114	112.86	69.76	4.378	222.00	7.4905	282.17	171.27	5.559
88.00	2.9792	115.36	71.26	4.406	224.00	7.5577	284.65	172.76	5.570
90.00	3.0470	117.87	72.76	4.434	226.00	7.6248	287.14	174.25	5.581
92.00	3.1147	120.37	74.26	4.462	228.00	7.6920	289.62	175.74	5.592
94.00	3.1824	122.87	75.75	4.489	230.00	7.7591	292.11	177.23	5.603
96.00	3.2501	125.37	77.25	4.515	232.00	7.8263	294.59	178.72	5.614
98.00	3.3177	127.87	78.75	4.541	234.00	7.8934	297.07	180.21	5.624
100.00	3.3854	130.37	80.25	4.566	236.00	7.9605	299.56	181.70	5.635
102.00	3.4530	132.86	81.75	4.591	238.00	8.0277	302.04	183.19	5.645
104.00	3.5205	135.36	83.24	4.615	240.00	8.0948	304.52	184.68	5.656
106.00	3.5881	137.86	84.74	4.639	242.00	8.1619	307.01	186.17	5.666
108.00	3.6556	140.35	86.23	4.662	244.00	8.2291	309.49	187.66	5.676
110.00	3.7232	142.85	87.73	4.685	246.00	8.2962	311.97	189.15	5.686
112.00	3.7907	145.35	89.23	4.708	248.00	8.3633	314.46	190.64	5.696
114.00	3.8582	147.84	90.72	4.730	250.00	8.4305	316.94	192.13	5.706
116.00	3.9256	150.33	92.22	4.751	252.00	8.4976	319.42	193.62	5.716
118.00	3.9931	152.83	93.71	4.773	254.00	8.5647	321.91	195.11	5.726
120.00	4.0606	155.32	95.21	4.794	256.00	8.6318	324.39	196.60	5.736
					258.00	8.6990	326.87	198.09	5.745
					260.00	8.7661	329.36	199.58	5.755

TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)	TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB-R)	ENTROPY (BTU/LB)
262.00	8.8332	331.84	201.07	5.765	402.00	13.5292	505.59	305.30	6.296
264.00	8.9003	334.32	202.56	5.774	404.00	13.5962	508.07	306.79	6.302
266.00	8.9674	336.81	204.05	5.783	406.00	13.6633	510.55	308.27	6.308
268.00	9.0345	339.29	205.54	5.793	408.00	13.7304	513.04	309.76	6.314
270.00	9.1016	341.77	207.03	5.802	410.00	13.7974	515.52	311.25	6.320
272.00	9.1688	344.26	208.52	5.811	412.00	13.8645	518.00	312.74	6.326
274.00	9.2359	346.74	210.00	5.820	414.00	13.9316	520.48	314.23	6.332
276.00	9.3030	349.22	211.49	5.829	416.00	13.9986	522.96	315.72	6.338
278.00	9.3701	351.70	212.98	5.838	418.00	14.0657	525.44	317.21	6.344
280.00	9.4372	354.19	214.47	5.847	420.00	14.1327	527.93	318.70	6.350
282.00	9.5043	356.67	215.96	5.856	422.00	14.1998	530.41	320.18	6.356
284.00	9.5714	359.15	217.45	5.865	424.00	14.2669	532.89	321.67	6.362
286.00	9.6385	361.63	218.94	5.873	426.00	14.3339	535.37	323.16	6.368
288.00	9.7056	364.12	220.43	5.882	428.00	14.4010	537.85	324.65	6.374
290.00	9.7727	366.60	221.92	5.891	430.00	14.4680	540.33	326.14	6.379
292.00	9.8398	369.08	223.41	5.899	432.00	14.5351	542.81	327.63	6.385
294.00	9.9069	371.57	224.90	5.908	434.00	14.6022	545.29	329.12	6.391
296.00	9.9740	374.05	226.39	5.916	436.00	14.6692	547.78	330.60	6.397
298.00	10.0411	376.53	227.88	5.924	438.00	14.7363	550.26	332.09	6.402
300.00	10.1082	379.01	229.36	5.933	440.00	14.8033	552.74	333.58	6.408
302.00	10.1753	381.50	230.85	5.941	442.00	14.8704	555.22	335.07	6.414
304.00	10.2424	383.98	232.34	5.949	444.00	14.9375	557.70	336.56	6.419
306.00	10.3095	386.46	233.83	5.957	446.00	15.0045	560.18	338.05	6.425
308.00	10.3766	388.94	235.32	5.965	448.00	15.0716	562.66	339.54	6.430
310.00	10.4437	391.42	236.81	5.973	450.00	15.1386	565.15	341.02	6.436
312.00	10.5108	393.91	238.30	5.981	452.00	15.2057	567.63	342.51	6.441
314.00	10.5778	396.39	239.79	5.989	454.00	15.2727	570.11	344.00	6.447
316.00	10.6449	398.87	241.28	5.997	456.00	15.3398	572.59	345.49	6.452
318.00	10.7120	401.35	242.77	6.005	458.00	15.4069	575.07	346.98	6.458
320.00	10.7791	403.84	244.26	6.013	460.00	15.4739	577.55	348.47	6.463
322.00	10.8462	406.32	245.74	6.021	462.00	15.5410	580.03	349.96	6.468
324.00	10.9133	408.80	247.23	6.028	464.00	15.6080	582.51	351.44	6.474
326.00	10.9804	411.28	248.72	6.036	466.00	15.6751	585.00	352.93	6.479
328.00	11.0474	413.76	250.21	6.043	468.00	15.7421	587.48	354.42	6.484
330.00	11.1145	416.25	251.70	6.051	470.00	15.8092	589.96	355.91	6.490
332.00	11.1816	418.73	253.19	6.058	472.00	15.8762	592.44	357.40	6.495
334.00	11.2487	421.21	254.68	6.066	474.00	15.9433	594.92	358.89	6.500
336.00	11.3158	423.69	256.17	6.073	476.00	16.0104	597.40	360.37	6.506
338.00	11.3829	426.18	257.66	6.081	478.00	16.0774	599.88	361.86	6.511
340.00	11.4499	428.66	259.15	6.088	480.00	16.1445	602.36	363.35	6.516
342.00	11.5170	431.14	260.63	6.095	482.00	16.2115	604.85	364.84	6.521
344.00	11.5841	433.62	262.12	6.103	484.00	16.2786	607.33	366.33	6.526
346.00	11.6512	436.10	263.61	6.110	486.00	16.3456	609.81	367.82	6.531
348.00	11.7183	438.59	265.10	6.117	488.00	16.4127	612.29	369.31	6.536
350.00	11.7853	441.07	266.59	6.124	490.00	16.4797	614.77	370.79	6.541
352.00	11.8524	443.55	268.08	6.131	492.00	16.5468	617.25	372.28	6.547
354.00	11.9195	446.03	269.57	6.138	494.00	16.6138	619.73	373.77	6.552
356.00	11.9866	448.51	271.06	6.145	496.00	16.6809	622.21	375.26	6.557
358.00	12.0536	450.99	272.54	6.152	498.00	16.7479	624.70	376.75	6.562
360.00	12.1207	453.48	274.03	6.159	500.00	16.8150	627.18	378.24	6.567
362.00	12.1878	455.96	275.52	6.166	502.00	16.8820	629.66	379.73	6.571
364.00	12.2549	458.44	277.01	6.173	504.00	16.9491	632.14	381.21	6.576
366.00	12.3219	460.92	278.50	6.179	506.00	17.0161	634.62	382.70	6.581
368.00	12.3890	463.40	279.99	6.186	508.00	17.0832	637.10	384.19	6.586
370.00	12.4561	465.89	281.48	6.193	510.00	17.1502	639.58	385.68	6.591
372.00	12.5232	468.37	282.97	6.200	512.00	17.2173	642.06	387.17	6.596
374.00	12.5902	470.85	284.46	6.206	514.00	17.2843	644.54	388.66	6.601
376.00	12.6573	473.33	285.94	6.213	516.00	17.3514	647.03	390.14	6.606
378.00	12.7244	475.81	287.43	6.219	518.00	17.4184	649.51	391.63	6.610
380.00	12.7914	478.29	288.92	6.226	520.00	17.4855	651.99	393.12	6.615
382.00	12.8585	480.78	290.41	6.233	522.00	17.5525	654.47	394.61	6.620
384.00	12.9256	483.26	291.90	6.239	524.00	17.6196	656.95	396.10	6.625
386.00	12.9926	485.74	293.39	6.245	526.00	17.6866	659.43	397.59	6.629
388.00	13.0597	488.22	294.88	6.252	528.00	17.7537	661.91	399.08	6.634
390.00	13.1268	490.70	296.37	6.258	530.00	17.8207	664.39	400.56	6.639
392.00	13.1938	493.18	297.85	6.265	532.00	17.8878	666.87	402.05	6.643
394.00	13.2609	495.67	299.34	6.271	534.00	17.9548	669.35	403.54	6.648
396.00	13.3280	498.15	300.83	6.277	536.00	18.0219	671.84	405.03	6.653
398.00	13.3950	500.63	302.32	6.283	538.00	18.0889	674.32	406.52	6.657
400.00	13.4621	503.11	303.81	6.290	540.00	18.1560	676.80	408.01	6.662

90.00 PSIA ISOBAR

TEMPERATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)	TEMPERATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)
					122.00	3.6738	157.84	96.65	4.755
					124.00	3.7338	160.33	98.15	4.776
					126.00	3.7937	162.83	99.64	4.796
					128.00	3.8537	165.32	101.14	4.815
					130.00	3.9136	167.81	102.63	4.835
					132.00	3.9735	170.31	104.13	4.854
					134.00	4.0335	172.80	105.62	4.872
					136.00	4.0934	175.29	107.11	4.891
					138.00	4.1533	177.78	108.61	4.909
					140.00	4.2132	180.27	110.10	4.927
					142.00	4.2730	182.76	111.59	4.945
					144.00	4.3329	185.25	113.09	4.962
6.00	1.0660	4.06	2.29	.569	146.00	4.3928	187.74	114.58	4.979
8.00	1.1137	5.53	3.63	.770	148.00	4.4526	190.23	116.07	4.996
10.00	1.1289	7.62	5.48	1.008	150.00	4.5125	192.72	117.56	5.013
12.00	1.1724	11.33	8.46	1.351	152.00	4.5723	195.21	119.06	5.029
14.00	1.2716	16.46	11.94	1.747	154.00	4.6322	197.70	120.55	5.046
16.00	1.3635	20.49	14.44	2.017	156.00	4.6920	200.19	122.04	5.062
18.00	1.4452	23.95	16.53	2.221	158.00	4.7518	202.68	123.53	5.077
20.00	1.5211	27.11	18.43	2.387	160.00	4.8116	205.17	125.03	5.093
22.00	1.5935	30.11	20.23	2.530	162.00	4.8714	207.65	126.52	5.109
24.00	1.6635	33.00	21.95	2.656	164.00	4.9312	210.14	128.01	5.124
26.00	1.7317	35.82	23.63	2.769	166.00	4.9910	212.63	129.50	5.139
28.00	1.7986	38.58	25.28	2.871	168.00	5.0508	215.12	130.99	5.154
30.00	1.8644	41.30	26.90	2.965	170.00	5.1106	217.60	132.49	5.169
32.00	1.9295	43.98	28.50	3.052	172.00	5.1704	220.09	133.98	5.183
34.00	1.9940	46.64	30.09	3.132	174.00	5.2302	222.58	135.47	5.197
36.00	1.0579	49.28	31.66	3.208	176.00	5.2900	225.07	136.96	5.212
38.00	1.1213	51.90	33.23	3.279	178.00	5.3498	227.55	138.45	5.226
40.00	1.1844	54.51	34.78	3.345	180.00	5.4095	230.04	139.94	5.240
42.00	1.2471	57.11	36.33	3.409	182.00	5.4693	232.53	141.43	5.253
44.00	1.3096	59.69	37.88	3.469	184.00	5.5291	235.01	142.93	5.267
46.00	1.3718	62.26	39.42	3.526	186.00	5.5888	237.50	144.42	5.280
48.00	1.4339	64.83	40.95	3.581	188.00	5.6486	239.99	145.91	5.294
50.00	1.4957	67.39	42.48	3.633	190.00	5.7083	242.47	147.40	5.307
52.00	1.5574	69.95	44.01	3.683	192.00	5.7681	244.96	148.89	5.320
54.00	1.6189	72.50	45.53	3.731	194.00	5.8278	247.44	150.38	5.333
56.00	1.6803	75.04	47.05	3.777	196.00	5.8875	249.93	151.87	5.345
58.00	1.7415	77.58	48.57	3.822	198.00	5.9473	252.42	153.36	5.358
60.00	1.8027	80.12	50.09	3.865	200.00	6.0070	254.90	154.85	5.371
62.00	1.8638	82.65	51.61	3.906	202.00	6.0667	257.39	156.34	5.383
64.00	1.9247	85.18	53.12	3.947	204.00	6.1265	259.87	157.83	5.395
66.00	1.9856	87.70	54.63	3.986	206.00	6.1862	262.36	159.33	5.407
68.00	2.0465	90.23	56.14	4.023	208.00	6.2459	264.84	160.82	5.419
70.00	2.1072	92.75	57.65	4.060	210.00	6.3056	267.33	162.31	5.431
72.00	2.1679	95.27	59.16	4.095	212.00	6.3654	269.81	163.80	5.443
74.00	2.2286	97.78	60.67	4.130	214.00	6.4251	272.30	165.29	5.455
76.00	2.2891	100.30	62.17	4.163	216.00	6.4848	274.78	166.78	5.466
78.00	2.3497	102.81	63.68	4.196	218.00	6.5445	277.27	168.27	5.478
80.00	2.4102	105.33	65.18	4.228	220.00	6.6042	279.75	169.76	5.489
82.00	2.4706	107.84	66.69	4.259	222.00	6.6639	282.24	171.25	5.500
84.00	2.5310	110.34	68.19	4.289	224.00	6.7236	284.72	172.74	5.511
86.00	2.5914	112.85	69.69	4.318	226.00	6.7833	287.21	174.23	5.522
88.00	2.6517	115.36	71.19	4.347	228.00	6.8430	289.69	175.72	5.533
90.00	2.7120	117.86	72.69	4.375	230.00	6.9027	292.17	177.21	5.544
92.00	2.7723	120.37	74.19	4.403	232.00	6.9624	294.66	178.70	5.555
94.00	2.8326	122.87	75.69	4.430	234.00	7.0221	297.14	180.19	5.566
96.00	2.8928	125.37	77.19	4.456	236.00	7.0818	299.63	181.68	5.576
98.00	2.9530	127.88	78.69	4.482	238.00	7.1415	302.11	183.17	5.587
100.00	3.0131	130.38	80.19	4.507	240.00	7.2012	304.60	184.66	5.597
102.00	3.0733	132.88	81.69	4.532	242.00	7.2608	307.08	186.15	5.607
104.00	3.1334	135.37	83.19	4.556	244.00	7.3205	309.56	187.64	5.618
106.00	3.1935	137.87	84.68	4.580	246.00	7.3802	312.05	189.13	5.628
108.00	3.2536	140.37	86.18	4.603	248.00	7.4399	314.53	190.62	5.638
110.00	3.3137	142.87	87.68	4.626	250.00	7.4996	317.01	192.11	5.648
112.00	3.3738	145.37	89.17	4.649	252.00	7.5592	319.50	193.60	5.658
114.00	3.4338	147.86	90.67	4.671	254.00	7.6189	321.98	195.09	5.668
116.00	3.4938	150.36	92.17	4.693	256.00	7.6786	324.47	196.58	5.677
118.00	3.5538	152.85	93.66	4.714	258.00	7.7383	326.95	198.07	5.687
120.00	3.6138	155.35	95.16	4.735	260.00	7.7979	329.43	199.56	5.697

TEMPERATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)	TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)
262.00	7.8576	331.92	201.05	5.706	402.00	12.0323	505.68	305.28	6.237
264.00	7.9173	334.40	202.54	5.715	404.00	12.0919	508.16	306.77	6.244
266.00	7.9769	336.88	204.03	5.725	406.00	12.1515	510.65	308.26	6.250
268.00	8.0366	339.37	205.51	5.734	408.00	12.2111	513.13	309.75	6.256
270.00	8.0963	341.85	207.00	5.743	410.00	12.2707	515.61	311.24	6.262
272.00	8.1559	344.33	208.49	5.753	412.00	12.3304	518.09	312.73	6.268
274.00	8.2156	346.82	209.98	5.762	414.00	12.3900	520.57	314.22	6.274
276.00	8.2753	349.30	211.47	5.771	416.00	12.4496	523.05	315.70	6.280
278.00	8.3349	351.78	212.96	5.780	418.00	12.5092	525.54	317.19	6.286
280.00	8.3946	354.27	214.45	5.789	420.00	12.5688	528.02	318.68	6.292
282.00	8.4542	356.75	215.94	5.797	422.00	12.6284	530.50	320.17	6.298
284.00	8.5139	359.23	217.43	5.806	424.00	12.6880	532.98	321.66	6.304
286.00	8.5735	361.71	218.92	5.815	426.00	12.7477	535.46	323.15	6.309
288.00	8.6332	364.20	220.41	5.824	428.00	12.8073	537.94	324.64	6.315
290.00	8.6929	366.68	221.90	5.832	430.00	12.8669	540.43	326.12	6.321
292.00	8.7525	369.16	223.39	5.841	432.00	12.9265	542.91	327.61	6.327
294.00	8.8122	371.65	224.88	5.849	434.00	12.9861	545.39	329.10	6.332
296.00	8.8718	374.13	226.37	5.858	436.00	13.0457	547.87	330.59	6.338
298.00	8.9315	376.61	227.86	5.866	438.00	13.1053	550.35	332.08	6.344
300.00	8.9911	379.09	229.35	5.874	440.00	13.1649	552.83	333.57	6.349
302.00	9.0508	381.58	230.83	5.882	442.00	13.2246	555.31	335.06	6.355
304.00	9.1104	384.06	232.32	5.891	444.00	13.2842	557.80	336.55	6.361
306.00	9.1700	386.54	233.81	5.899	446.00	13.3438	560.28	338.03	6.366
308.00	9.2297	389.02	235.30	5.907	448.00	13.4034	562.76	339.52	6.372
310.00	9.2893	391.51	236.79	5.915	450.00	13.4630	565.24	341.01	6.377
312.00	9.3490	393.99	238.28	5.923	452.00	13.5226	567.72	342.50	6.383
314.00	9.4086	396.47	239.77	5.931	454.00	13.5822	570.20	343.99	6.388
316.00	9.4683	398.95	241.26	5.939	456.00	13.6418	572.68	345.48	6.394
318.00	9.5279	401.44	242.75	5.947	458.00	13.7014	575.17	346.97	6.399
320.00	9.5875	403.92	244.24	5.954	460.00	13.7610	577.65	348.45	6.405
322.00	9.6472	406.40	245.73	5.962	462.00	13.8206	580.13	349.94	6.410
324.00	9.7068	408.88	247.22	5.970	464.00	13.8803	582.61	351.43	6.415
326.00	9.7665	411.37	248.70	5.977	466.00	13.9399	585.09	352.92	6.421
328.00	9.8261	413.85	250.19	5.985	468.00	13.9995	587.57	354.41	6.426
330.00	9.8857	416.33	251.68	5.992	470.00	14.0591	590.05	355.90	6.431
332.00	9.9454	418.81	253.17	6.000	472.00	14.1187	592.53	357.39	6.437
334.00	10.0050	421.30	254.66	6.007	474.00	14.1783	595.02	358.87	6.442
336.00	10.0646	423.78	256.15	6.015	476.00	14.2379	597.50	360.36	6.447
338.00	10.1243	426.26	257.64	6.022	478.00	14.2975	599.98	361.85	6.452
340.00	10.1839	428.74	259.13	6.030	480.00	14.3571	602.46	363.34	6.457
342.00	10.2435	431.23	260.62	6.037	482.00	14.4167	604.94	364.83	6.463
344.00	10.3032	433.71	262.11	6.044	484.00	14.4763	607.42	366.32	6.468
346.00	10.3628	436.19	263.59	6.051	486.00	14.5359	609.90	367.81	6.473
348.00	10.4224	438.67	265.08	6.058	488.00	14.5955	612.39	369.29	6.478
350.00	10.4821	441.15	266.57	6.066	490.00	14.6551	614.87	370.78	6.483
352.00	10.5417	443.64	268.06	6.073	492.00	14.7147	617.35	372.27	6.488
354.00	10.6013	446.12	269.55	6.080	494.00	14.7743	619.83	373.76	6.493
356.00	10.6610	448.60	271.04	6.087	496.00	14.8340	622.31	375.25	6.498
358.00	10.7206	451.08	272.53	6.094	498.00	14.8936	624.79	376.74	6.503
360.00	10.7802	453.56	274.02	6.100	500.00	14.9532	627.27	378.22	6.508
362.00	10.8398	456.05	275.51	6.107	502.00	15.0128	629.75	379.71	6.513
364.00	10.8995	458.53	277.00	6.114	504.00	15.0724	632.24	381.20	6.518
366.00	10.9591	461.01	278.48	6.121	506.00	15.1320	634.72	382.69	6.523
368.00	11.0187	463.49	279.97	6.128	508.00	15.1916	637.20	384.18	6.528
370.00	11.0783	465.97	281.46	6.134	510.00	15.2512	639.68	385.67	6.533
372.00	11.1380	468.44	282.95	6.141	512.00	15.3108	642.16	387.16	6.538
374.00	11.1976	470.94	284.44	6.148	514.00	15.3704	644.64	388.64	6.542
376.00	11.2572	473.42	285.93	6.154	516.00	15.4300	647.12	390.13	6.547
378.00	11.3168	475.90	287.42	6.161	518.00	15.4896	649.60	391.62	6.552
380.00	11.3765	478.38	288.91	6.168	520.00	15.5492	652.08	393.11	6.557
382.00	11.4361	480.86	290.39	6.174	522.00	15.6088	654.57	394.60	6.561
384.00	11.4957	483.35	291.88	6.181	524.00	15.6684	657.05	396.09	6.566
386.00	11.5553	485.83	293.37	6.187	526.00	15.7280	659.53	397.58	6.571
388.00	11.6149	488.31	294.86	6.193	528.00	15.7876	662.01	399.06	6.576
390.00	11.6746	490.79	296.35	6.200	530.00	15.8472	664.49	400.55	6.580
392.00	11.7342	493.27	297.84	6.206	532.00	15.9068	666.97	402.04	6.585
394.00	11.7938	495.76	299.33	6.212	534.00	15.9664	669.45	403.53	6.590
396.00	11.8534	498.24	300.82	6.219	536.00	16.0260	671.93	405.02	6.594
398.00	11.9130	500.72	302.31	6.225	538.00	16.0856	674.42	406.51	6.599
400.00	11.9727	503.20	303.79	6.231	540.00	16.1452	676.90	407.99	6.604

100.00 PSIA ISOBAR

TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB-R)	ENTROPY (BTU/LB)	TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB-R)	ENTROPY (BTU/LB)
122.00		3.3105	157.87	96.61	122.00	3.3105	157.87	96.61	4.703
124.00		3.3645	160.36	98.10	124.00	3.3645	160.36	98.10	4.723
126.00		3.4185	162.86	99.60	126.00	3.4185	162.86	99.60	4.743
128.00		3.4725	165.35	101.09	128.00	3.4725	165.35	101.09	4.763
130.00		3.5264	167.85	102.59	130.00	3.5264	167.85	102.59	4.782
132.00		3.5804	170.34	104.08	132.00	3.5804	170.34	104.08	4.801
134.00		3.6344	172.83	105.58	134.00	3.6344	172.83	105.58	4.820
136.00		3.6883	175.33	107.07	136.00	3.6883	175.33	107.07	4.838
138.00		3.7422	177.82	108.56	138.00	3.7422	177.82	108.56	4.856
140.00		3.7962	180.31	110.06	140.00	3.7962	180.31	110.06	4.874
					142.00	3.8501	182.80	111.55	4.892
					144.00	3.9040	185.29	113.05	4.909
6.00	.1052	4.22	2.27	.564	146.00	3.9579	187.78	114.54	4.927
8.00	.1124	5.66	3.58	.761	148.00	4.0118	190.27	116.03	4.944
10.00	.1259	7.66	5.33	.989	150.00	4.0657	192.77	117.53	4.960
12.00	.1589	10.92	7.98	1.291	152.00	4.1196	195.26	119.02	4.977
14.00	.2368	15.71	11.33	1.660	154.00	4.1735	197.75	120.51	4.993
16.00	.3200	19.91	13.99	1.941	156.00	4.2273	200.24	122.01	5.009
18.00	.3948	23.47	16.17	2.151	158.00	4.2812	202.73	123.50	5.025
20.00	.4642	26.72	18.12	2.322	160.00	4.3351	205.21	124.99	5.041
22.00	.5303	29.77	19.96	2.468	162.00	4.3889	207.70	126.48	5.056
24.00	.5940	32.70	21.71	2.595	164.00	4.4428	210.19	127.98	5.071
26.00	.6560	35.55	23.41	2.709	166.00	4.4966	212.68	129.47	5.086
28.00	.7167	38.34	25.08	2.813	168.00	4.5504	215.17	130.96	5.101
30.00	.7765	41.08	26.71	2.907	170.00	4.6043	217.66	132.45	5.116
32.00	.8354	43.79	28.33	2.995	172.00	4.6581	220.15	133.94	5.131
34.00	.8938	46.47	29.93	3.076	174.00	4.7119	222.63	135.44	5.145
36.00	.9516	49.12	31.51	3.152	176.00	4.7657	225.12	136.93	5.159
38.00	1.0091	51.76	33.08	3.223	178.00	4.8196	227.61	138.42	5.173
40.00	1.0661	54.38	34.65	3.290	180.00	4.8734	230.10	139.91	5.187
42.00	1.1228	56.98	36.20	3.354	182.00	4.9272	232.58	141.40	5.201
44.00	1.1793	59.58	37.75	3.414	184.00	4.9810	235.07	142.89	5.215
46.00	1.2355	62.16	39.30	3.471	186.00	5.0348	237.56	144.39	5.228
48.00	1.2915	64.74	40.84	3.526	188.00	5.0886	240.05	145.88	5.241
50.00	1.3473	67.31	42.37	3.579	190.00	5.1424	242.53	147.37	5.254
52.00	1.4030	69.87	43.90	3.629	192.00	5.1961	245.02	148.86	5.267
54.00	1.4585	72.42	45.43	3.677	194.00	5.2499	247.51	150.35	5.280
56.00	1.5139	74.97	46.96	3.724	196.00	5.3037	249.99	151.84	5.293
58.00	1.5692	77.52	48.48	3.768	198.00	5.3575	252.48	153.33	5.306
60.00	1.6244	80.06	50.00	3.811	200.00	5.4113	254.96	154.82	5.318
62.00	1.6795	82.60	51.52	3.853	202.00	5.4650	257.45	156.32	5.331
64.00	1.7345	85.13	53.03	3.893	204.00	5.5188	259.94	157.81	5.343
66.00	1.7894	87.66	54.55	3.932	206.00	5.5726	262.42	159.30	5.355
68.00	1.8442	90.19	56.06	3.970	208.00	5.6263	264.91	160.79	5.367
70.00	1.8990	92.72	57.57	4.006	210.00	5.6801	267.39	162.28	5.379
72.00	1.9537	95.24	59.08	4.042	212.00	5.7339	269.88	163.77	5.391
74.00	2.0084	97.76	60.59	4.076	214.00	5.7876	272.36	165.26	5.402
76.00	2.0630	100.28	62.10	4.110	216.00	5.8414	274.85	166.75	5.414
78.00	2.1176	102.79	63.61	4.143	218.00	5.8951	277.33	168.24	5.425
80.00	2.1721	105.31	65.11	4.175	220.00	5.9489	279.82	169.73	5.437
82.00	2.2266	107.82	66.62	4.206	222.00	6.0026	282.31	171.22	5.448
84.00	2.2810	110.34	68.12	4.236	224.00	6.0564	284.79	172.71	5.459
86.00	2.3354	112.85	69.63	4.265	226.00	6.1101	287.27	174.20	5.470
88.00	2.3898	115.35	71.13	4.294	228.00	6.1638	289.76	175.69	5.481
90.00	2.4441	117.86	72.63	4.322	230.00	6.2176	292.24	177.18	5.492
92.00	2.4984	120.37	74.13	4.350	232.00	6.2713	294.73	178.67	5.503
94.00	2.5527	122.87	75.63	4.377	234.00	6.3250	297.21	180.16	5.513
96.00	2.6070	125.38	77.14	4.403	236.00	6.3788	299.70	181.65	5.524
98.00	2.6612	127.88	78.64	4.429	238.00	6.4325	302.18	183.14	5.534
100.00	2.7154	130.39	80.14	4.454	240.00	6.4862	304.67	184.63	5.545
102.00	2.7696	132.89	81.63	4.479	242.00	6.5400	307.15	186.12	5.555
104.00	2.8238	135.39	83.13	4.503	244.00	6.5937	309.64	187.61	5.565
106.00	2.8779	137.89	84.63	4.527	246.00	6.6474	312.12	189.10	5.575
108.00	2.9320	140.39	86.13	4.551	248.00	6.7011	314.60	190.59	5.585
110.00	2.9861	142.89	87.63	4.574	250.00	6.7549	317.09	192.08	5.595
112.00	3.0402	145.39	89.12	4.596	252.00	6.8086	319.57	193.57	5.605
114.00	3.0943	147.88	90.62	4.618	254.00	6.8623	322.06	195.06	5.615
116.00	3.1484	150.38	92.12	4.640	256.00	6.9160	324.54	196.55	5.625
118.00	3.2024	152.88	93.61	4.661	258.00	6.9697	327.02	198.04	5.635
120.00	3.2565	155.37	95.11	4.682	260.00	7.0234	329.51	199.53	5.644

TEMPERATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)	TEMPERATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)
262.00	7.0771	331.99	201.02	5.654	402.00	10.8348	505.77	305.27	6.185
264.00	7.1309	334.48	202.51	5.663	404.00	10.8884	508.26	306.76	6.191
266.00	7.1846	336.96	204.00	5.672	406.00	10.9421	510.74	308.25	6.197
268.00	7.2383	339.44	205.49	5.682	408.00	10.9957	513.22	309.73	6.203
270.00	7.2920	341.93	206.98	5.691	410.00	11.0494	515.70	311.22	6.210
272.00	7.3457	344.41	208.47	5.700	412.00	11.1030	518.18	312.71	6.216
274.00	7.3994	346.89	209.96	5.709	414.00	11.1567	520.66	314.20	6.222
276.00	7.4531	349.38	211.45	5.718	416.00	11.2104	523.15	315.69	6.228
278.00	7.5068	351.86	212.94	5.727	418.00	11.2640	525.63	317.18	6.234
280.00	7.5605	354.34	214.43	5.736	420.00	11.3177	528.11	318.67	6.239
282.00	7.6142	356.83	215.92	5.745	422.00	11.3713	530.59	320.15	6.245
284.00	7.6679	359.31	217.41	5.754	424.00	11.4250	533.07	321.64	6.251
286.00	7.7216	361.79	218.90	5.763	426.00	11.4786	535.55	323.13	6.257
288.00	7.7753	364.28	220.39	5.771	428.00	11.5323	538.04	324.62	6.263
290.00	7.8290	366.76	221.88	5.780	430.00	11.5860	540.52	326.11	6.269
292.00	7.8827	369.24	223.37	5.788	432.00	11.6396	543.00	327.60	6.274
294.00	7.9364	371.73	224.86	5.797	434.00	11.6933	545.48	329.09	6.280
296.00	7.9901	374.21	226.35	5.805	436.00	11.7469	547.96	330.58	6.286
298.00	8.0438	376.69	227.84	5.814	438.00	11.8006	550.44	332.07	6.292
300.00	8.0974	379.18	229.33	5.822	440.00	11.8542	552.93	333.55	6.297
302.00	8.1511	381.66	230.82	5.830	442.00	11.9079	555.41	335.04	6.303
304.00	8.2048	384.14	232.30	5.838	444.00	11.9615	557.89	336.53	6.308
306.00	8.2585	386.62	233.79	5.846	446.00	12.0152	560.37	338.02	6.314
308.00	8.3122	389.11	235.28	5.855	448.00	12.0688	562.85	339.51	6.320
310.00	8.3659	391.59	236.77	5.863	450.00	12.1225	565.33	341.00	6.325
312.00	8.4196	394.07	238.26	5.871	452.00	12.1761	567.82	342.49	6.331
314.00	8.4733	396.56	239.75	5.878	454.00	12.2298	570.30	343.98	6.336
316.00	8.5269	399.04	241.24	5.886	456.00	12.2834	572.78	345.46	6.341
318.00	8.5806	401.52	242.73	5.894	458.00	12.3371	575.26	346.95	6.347
320.00	8.6343	404.00	244.22	5.902	460.00	12.3907	577.74	348.44	6.352
322.00	8.6880	406.49	245.71	5.910	462.00	12.4444	580.22	349.93	6.358
324.00	8.7417	408.97	247.20	5.917	464.00	12.4980	582.70	351.42	6.363
326.00	8.7953	411.45	248.69	5.925	466.00	12.5517	585.19	352.91	6.368
328.00	8.8490	413.93	250.18	5.933	468.00	12.6053	587.67	354.40	6.374
330.00	8.9027	416.42	251.66	5.940	470.00	12.6590	590.15	355.88	6.379
332.00	8.9564	418.90	253.15	5.948	472.00	12.7126	592.63	357.37	6.384
334.00	9.0101	421.38	254.64	5.955	474.00	12.7663	595.11	358.86	6.390
336.00	9.0637	423.86	256.13	5.963	476.00	12.8199	597.59	360.35	6.395
338.00	9.1174	426.35	257.62	5.970	478.00	12.8736	600.07	361.84	6.400
340.00	9.1711	428.83	259.11	5.977	480.00	12.9272	602.56	363.33	6.405
342.00	9.2248	431.31	260.60	5.984	482.00	12.9809	605.04	364.82	6.410
344.00	9.2784	433.79	262.09	5.992	484.00	13.0345	607.52	366.30	6.415
346.00	9.3321	436.28	263.58	5.999	486.00	13.0882	610.00	367.79	6.421
348.00	9.3858	438.76	265.07	6.006	488.00	13.1418	612.48	369.28	6.426
350.00	9.4395	441.24	266.56	6.013	490.00	13.1955	614.96	370.77	6.431
352.00	9.4931	443.72	268.04	6.020	492.00	13.2491	617.44	372.26	6.436
354.00	9.5468	446.20	269.53	6.027	494.00	13.3028	619.93	373.75	6.441
356.00	9.6005	448.69	271.02	6.034	496.00	13.3564	622.41	375.24	6.446
358.00	9.6541	451.17	272.51	6.041	498.00	13.4101	624.89	376.72	6.451
360.00	9.7078	453.65	274.00	6.048	500.00	13.4637	627.37	378.21	6.456
362.00	9.7615	456.13	275.49	6.055	502.00	13.5174	629.85	379.70	6.461
364.00	9.8151	458.62	276.98	6.062	504.00	13.5710	632.33	381.19	6.466
366.00	9.8688	461.10	278.47	6.069	506.00	13.6246	634.81	382.68	6.471
368.00	9.9225	463.58	279.96	6.075	508.00	13.6783	637.29	384.17	6.475
370.00	9.9761	466.06	281.45	6.082	510.00	13.7319	639.78	385.66	6.480
372.00	10.0298	468.54	282.93	6.089	512.00	13.7856	642.26	387.14	6.485
374.00	10.0835	471.03	284.42	6.096	514.00	13.8392	644.74	388.63	6.490
376.00	10.1371	473.51	285.91	6.102	516.00	13.8929	647.22	390.12	6.495
378.00	10.1908	475.99	287.40	6.109	518.00	13.9465	649.70	391.61	6.500
380.00	10.2445	478.47	288.89	6.115	520.00	14.0002	652.18	393.10	6.504
382.00	10.2981	480.95	290.38	6.122	522.00	14.0538	654.66	394.59	6.509
384.00	10.3518	483.44	291.87	6.128	524.00	14.1074	657.14	396.08	6.514
386.00	10.4055	485.92	293.36	6.135	526.00	14.1611	659.63	397.56	6.519
388.00	10.4591	488.40	294.85	6.141	528.00	14.2147	662.11	399.05	6.523
390.00	10.5128	490.88	296.33	6.147	530.00	14.2684	664.59	400.54	6.528
392.00	10.5664	493.36	297.82	6.154	532.00	14.3220	667.07	402.03	6.533
394.00	10.6201	495.85	299.31	6.160	534.00	14.3757	669.55	403.52	6.537
396.00	10.6738	498.33	300.80	6.166	536.00	14.4293	672.03	405.01	6.542
398.00	10.7274	500.81	302.29	6.173	538.00	14.4829	674.51	406.50	6.547
400.00	10.7811	503.29	303.78	6.179	540.00	14.5366	676.99	407.98	6.551

120.00 PSIA ISOBAR

TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (8TU/LB)	ENTROPY (8TU/LB-R)	TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (8TU/LB)	ENTROPY (8TU/LB-R)
					122.00	2.7655	157.93	96.51	4.612
					124.00	2.8106	160.43	98.01	4.632
					126.00	2.8557	162.92	99.51	4.652
					128.00	2.9007	165.42	101.00	4.672
					130.00	2.9457	167.92	102.50	4.691
					132.00	2.9907	170.41	104.00	4.710
					134.00	3.0358	172.91	105.49	4.729
					136.00	3.0808	175.40	106.99	4.747
					138.00	3.1258	177.90	108.48	4.765
					140.00	3.1707	180.39	109.98	4.783
					142.00	3.2157	182.88	111.47	4.801
					144.00	3.2607	185.38	112.97	4.818
6.00	.1038	4.55	2.25	.554	146.00	3.3057	187.87	114.46	4.836
8.00	.1101	5.94	3.50	.745	148.00	3.3506	190.36	115.96	4.853
10.00	.1212	7.81	5.11	.957	150.00	3.3956	192.86	117.45	4.869
12.00	.1438	10.54	7.35	1.214	152.00	3.4405	195.35	118.94	4.886
14.00	.1924	14.56	10.28	1.521	154.00	3.4854	197.84	120.44	4.902
16.00	.2581	18.85	13.11	1.808	156.00	3.5304	200.33	121.93	4.918
18.00	.3213	22.59	15.45	2.029	158.00	3.5753	202.82	123.43	4.934
20.00	.3804	25.97	17.52	2.207	160.00	3.6202	205.31	124.92	4.950
22.00	.4366	29.12	19.43	2.357	162.00	3.6651	207.80	126.41	4.965
24.00	.4907	32.13	21.24	2.488	164.00	3.7100	210.29	127.91	4.981
26.00	.5432	35.05	22.98	2.605	166.00	3.7549	212.78	129.40	4.996
28.00	.5946	37.89	24.68	2.710	168.00	3.7998	215.28	130.89	5.011
30.00	.6451	40.67	26.35	2.807	170.00	3.8447	217.76	132.39	5.025
32.00	.6949	43.42	27.99	2.895	172.00	3.8896	220.25	133.88	5.040
34.00	.7441	46.13	29.61	2.977	174.00	3.9345	222.74	135.37	5.054
36.00	.7928	48.82	31.21	3.054	176.00	3.9794	225.23	136.86	5.068
38.00	.8411	51.48	32.80	3.126	178.00	4.0243	227.72	138.36	5.082
40.00	.8890	54.12	34.38	3.194	180.00	4.0691	230.21	139.85	5.096
42.00	.9367	56.75	35.95	3.258	182.00	4.1140	232.70	141.34	5.110
44.00	.9841	59.36	37.51	3.319	184.00	4.1589	235.19	142.83	5.124
46.00	1.0313	61.96	39.06	3.376	186.00	4.2037	237.68	144.32	5.137
48.00	1.0782	64.56	40.61	3.432	188.00	4.2486	240.16	145.82	5.150
50.00	1.1250	67.14	42.16	3.484	190.00	4.2934	242.65	147.31	5.164
52.00	1.1717	69.72	43.70	3.535	192.00	4.3383	245.14	148.80	5.177
54.00	1.2182	72.28	45.23	3.583	194.00	4.3831	247.63	150.29	5.190
56.00	1.2646	74.85	46.76	3.630	196.00	4.4280	250.12	151.78	5.202
58.00	1.3109	77.40	48.29	3.675	198.00	4.4728	252.60	153.28	5.215
60.00	1.3571	79.96	49.82	3.718	200.00	4.5176	255.09	154.77	5.227
62.00	1.4032	82.50	51.34	3.760	202.00	4.5625	257.58	156.26	5.240
64.00	1.4492	85.05	52.86	3.800	204.00	4.6073	260.06	157.75	5.252
66.00	1.4952	87.59	54.38	3.839	206.00	4.6521	262.55	159.24	5.264
68.00	1.5410	90.12	55.90	3.877	208.00	4.6970	265.04	160.73	5.276
70.00	1.5868	92.66	57.42	3.914	210.00	4.7418	267.52	162.22	5.288
72.00	1.6326	95.19	58.93	3.950	212.00	4.7866	270.01	163.71	5.300
74.00	1.6783	97.71	60.44	3.984	214.00	4.8314	272.50	165.21	5.312
76.00	1.7239	100.24	61.96	4.018	216.00	4.8762	274.98	166.70	5.323
78.00	1.7695	102.76	63.47	4.051	218.00	4.9211	277.47	168.19	5.335
80.00	1.8151	105.28	64.98	4.083	220.00	4.9659	279.96	169.68	5.346
82.00	1.8606	107.80	66.48	4.114	222.00	5.0107	282.44	171.17	5.357
84.00	1.9061	110.32	67.99	4.144	224.00	5.0555	284.93	172.66	5.368
86.00	1.9515	112.84	69.50	4.174	226.00	5.1003	287.41	174.15	5.379
88.00	1.9970	115.35	71.00	4.202	228.00	5.1451	289.90	175.64	5.390
90.00	2.0423	117.86	72.51	4.231	230.00	5.1899	292.38	177.13	5.401
92.00	2.0877	120.37	74.01	4.258	232.00	5.2347	294.87	178.62	5.412
94.00	2.1330	122.88	75.52	4.285	234.00	5.2795	297.36	180.11	5.423
96.00	2.1783	125.39	77.02	4.312	236.00	5.3243	299.84	181.61	5.433
98.00	2.2236	127.90	78.52	4.338	238.00	5.3691	302.33	183.10	5.444
100.00	2.2689	130.41	80.02	4.363	240.00	5.4139	304.81	184.59	5.454
102.00	2.3141	132.91	81.52	4.388	242.00	5.4586	307.30	186.08	5.464
104.00	2.3593	135.42	83.03	4.412	244.00	5.5034	309.78	187.57	5.475
106.00	2.4045	137.92	84.53	4.436	246.00	5.5482	312.27	189.06	5.485
108.00	2.4497	140.43	86.03	4.459	248.00	5.5930	314.75	190.55	5.495
110.00	2.4949	142.93	87.53	4.482	250.00	5.6378	317.24	192.04	5.505
112.00	2.5400	145.43	89.02	4.505	252.00	5.6826	319.72	193.53	5.515
114.00	2.5851	147.93	90.52	4.527	254.00	5.7274	322.21	195.02	5.525
116.00	2.6303	150.43	92.02	4.549	256.00	5.7721	324.69	196.51	5.534
118.00	2.6754	152.93	93.52	4.570	258.00	5.8169	327.17	198.00	5.544
120.00	2.7205	155.43	95.02	4.591	260.00	5.8617	329.66	199.49	5.554

TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/L8)	ENTHALPY (BTU/L8)	INTERNAL ENERGY (BTU/L8)	ENTROPY (BTU/L8-R)	TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/L8)	ENTHALPY (BTU/L8)	INTERNAL ENERGY (BTU/LB-R)	ENTROPY (BTU/L8)
262.00	5.9065	332.14	200.98	5.563	402.00	9.0385	505.96	305.24	6.095
264.00	5.9512	334.63	202.47	5.572	404.00	9.0832	508.44	306.73	6.101
266.00	5.9960	337.11	203.96	5.582	406.00	9.1279	510.92	308.22	6.107
268.00	6.0408	339.60	205.45	5.591	408.00	9.1726	513.40	309.71	6.113
270.00	6.0855	342.08	206.94	5.600	410.00	9.2174	515.88	311.19	6.119
272.00	6.1303	344.57	208.43	5.610	412.00	9.2621	518.37	312.68	6.125
274.00	6.1751	347.05	209.92	5.619	414.00	9.3068	520.85	314.17	6.131
276.00	6.2198	349.53	211.41	5.628	416.00	9.3515	523.33	315.66	6.137
278.00	6.2646	352.02	212.90	5.637	418.00	9.3962	525.81	317.15	6.143
280.00	6.3094	354.50	214.39	5.646	420.00	9.4410	528.29	318.64	6.149
282.00	6.3541	356.99	215.88	5.654	422.00	9.4857	530.78	320.13	6.155
284.00	6.3989	359.47	217.37	5.663	424.00	9.5304	533.26	321.62	6.161
286.00	6.4437	361.95	218.86	5.672	426.00	9.5751	535.74	323.11	6.167
288.00	6.4884	364.44	220.35	5.681	428.00	9.6198	538.22	324.59	6.172
290.00	6.5332	366.92	221.84	5.689	430.00	9.6646	540.70	326.08	6.178
292.00	6.5779	369.40	223.33	5.698	432.00	9.7093	543.19	327.57	6.184
294.00	6.6227	371.89	224.82	5.706	434.00	9.7540	545.67	329.06	6.190
296.00	6.6674	374.37	226.31	5.715	436.00	9.7987	548.15	330.55	6.195
298.00	6.7122	376.85	227.80	5.723	438.00	9.8434	550.63	332.04	6.201
300.00	6.7569	379.34	229.29	5.731	440.00	9.8881	553.11	333.53	6.207
302.00	6.8017	381.82	230.78	5.740	442.00	9.9329	555.59	335.02	6.212
304.00	6.8465	384.30	232.27	5.748	444.00	9.9776	558.08	336.51	6.218
306.00	6.8912	386.79	233.76	5.756	446.00	10.0223	560.56	337.99	6.223
308.00	6.9360	389.27	235.25	5.764	448.00	10.0670	563.04	339.48	6.229
310.00	6.9807	391.75	236.73	5.772	450.00	10.1117	565.52	340.97	6.235
312.00	7.0255	394.24	238.22	5.780	452.00	10.1564	568.00	342.46	6.240
314.00	7.0702	396.72	239.71	5.788	454.00	10.2011	570.49	343.95	6.246
316.00	7.1149	399.20	241.20	5.796	456.00	10.2459	572.97	345.44	6.251
318.00	7.1597	401.69	242.69	5.804	458.00	10.2906	575.45	346.93	6.256
320.00	7.2044	404.17	244.18	5.811	460.00	10.3353	577.93	348.42	6.262
322.00	7.2492	406.65	245.67	5.819	462.00	10.3800	580.41	349.90	6.267
324.00	7.2939	409.14	247.16	5.827	464.00	10.4247	582.89	351.39	6.273
326.00	7.3387	411.62	248.65	5.834	466.00	10.4694	585.38	352.88	6.278
328.00	7.3834	414.10	250.14	5.842	468.00	10.5141	587.86	354.37	6.283
330.00	7.4282	416.59	251.63	5.850	470.00	10.5589	590.34	355.86	6.289
332.00	7.4729	419.07	253.12	5.857	472.00	10.6036	592.82	357.35	6.294
334.00	7.5176	421.55	254.61	5.865	474.00	10.6483	595.30	358.84	6.299
336.00	7.5624	424.03	256.10	5.872	476.00	10.6930	597.78	360.33	6.304
338.00	7.6071	426.52	257.59	5.879	478.00	10.7377	600.27	361.81	6.309
340.00	7.6518	429.00	259.08	5.887	480.00	10.7824	602.75	363.30	6.315
342.00	7.6966	431.48	260.57	5.894	482.00	10.8271	605.23	364.79	6.320
344.00	7.7413	433.97	262.05	5.901	484.00	10.8718	607.71	366.28	6.325
346.00	7.7861	436.45	263.54	5.908	486.00	10.9165	610.19	367.77	6.330
348.00	7.8308	438.93	265.03	5.916	488.00	10.9613	612.67	369.26	6.335
350.00	7.8755	441.41	266.52	5.923	490.00	11.0060	615.16	370.75	6.340
352.00	7.9203	443.90	268.01	5.930	492.00	11.0507	617.64	372.23	6.345
354.00	7.9650	446.38	269.50	5.937	494.00	11.0954	620.12	373.72	6.350
356.00	8.0097	448.86	270.99	5.944	496.00	11.1401	622.60	375.21	6.355
358.00	8.0545	451.34	272.48	5.951	498.00	11.1848	625.08	376.70	6.360
360.00	8.0992	453.83	273.97	5.958	500.00	11.2295	627.56	378.19	6.365
362.00	8.1439	456.31	275.46	5.964	502.00	11.2742	630.04	379.68	6.370
364.00	8.1887	458.79	276.95	5.971	504.00	11.3189	632.53	381.17	6.375
366.00	8.2334	461.27	278.44	5.978	506.00	11.3636	635.01	382.66	6.380
368.00	8.2781	463.76	279.93	5.985	508.00	11.4084	637.49	384.14	6.385
370.00	8.3229	466.24	281.41	5.992	510.00	11.4531	639.97	385.63	6.390
372.00	8.3676	468.72	282.90	5.998	512.00	11.4978	642.45	387.12	6.395
374.00	8.4123	471.20	284.39	6.005	514.00	11.5425	644.93	388.61	6.400
376.00	8.4570	473.69	285.88	6.012	516.00	11.5872	647.41	390.10	6.404
378.00	8.5018	476.17	287.37	6.018	518.00	11.6319	649.90	391.59	6.409
380.00	8.5465	478.65	288.86	6.025	520.00	11.6766	652.38	393.08	6.414
382.00	8.5912	481.13	290.35	6.031	522.00	11.7213	654.86	394.56	6.419
384.00	8.6359	483.62	291.84	6.038	524.00	11.7660	657.34	396.05	6.423
386.00	8.6807	486.10	293.33	6.044	526.00	11.8107	659.82	397.54	6.428
388.00	8.7254	488.58	294.82	6.051	528.00	11.8554	662.30	399.03	6.433
390.00	8.7701	491.06	296.30	6.057	530.00	11.9001	664.78	400.52	6.438
392.00	8.8149	493.54	297.79	6.063	532.00	11.9448	667.27	402.01	6.442
394.00	8.8596	496.03	299.28	6.070	534.00	11.9895	669.75	403.50	6.447
396.00	8.9043	498.51	300.77	6.076	536.00	12.0343	672.23	404.98	6.452
398.00	8.9490	500.99	302.26	6.082	538.00	12.0790	674.71	406.47	6.456
400.00	8.9937	503.47	303.75	6.088	540.00	12.1237	677.19	407.96	6.461

140.00 PSIA ISOBAR

TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB-R)	ENTROPY (BTU/LB-R)	TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB-R)	ENTROPY (BTU/LB-R)
122.00		2.3763	157.99	96.42	4.534				
124.00		2.4150	160.49	97.92	4.555				
126.00		2.4537	162.99	99.42	4.575				
128.00		2.4923	165.49	100.92	4.594				
130.00		2.5310	167.99	102.41	4.614				
132.00		2.5696	170.48	103.91	4.633				
134.00		2.6082	172.98	105.41	4.652				
136.00		2.6468	175.48	106.91	4.670				
138.00		2.6855	177.98	108.40	4.688				
140.00		2.7241	180.47	109.90	4.706				
					142.00	2.7626	182.97	111.39	4.724
					144.00	2.8012	185.46	112.89	4.741
6.00	.1025	4.88	2.23	.546	146.00	2.8398	187.96	114.38	4.759
8.00	.1081	6.24	3.43	.731	148.00	2.8784	190.45	115.88	4.776
10.00	.1177	7.99	4.95	.932	150.00	2.9169	192.95	117.38	4.792
12.00	.1350	10.44	6.94	1.162	152.00	2.9555	195.44	118.87	4.809
14.00	.1682	13.86	9.50	1.424	154.00	2.9940	197.94	120.37	4.825
16.00	.2182	17.97	12.31	1.698	156.00	3.0326	200.43	121.86	4.841
18.00	.2713	21.80	14.77	1.924	158.00	3.0711	202.92	123.35	4.857
20.00	.3223	25.28	16.93	2.108	160.00	3.1097	205.41	124.85	4.873
					142.00	2.7626	182.97	111.39	4.724
					144.00	2.8012	185.46	112.89	4.741
22.00	.3710	28.52	18.91	2.263	162.00	3.1482	207.91	126.34	4.888
24.00	.4180	31.61	20.78	2.397	164.00	3.1867	210.40	127.84	4.904
26.00	.4637	34.58	22.56	2.516	166.00	3.2252	212.89	129.33	4.919
28.00	.5083	37.47	24.30	2.623	168.00	3.2637	215.38	130.82	4.934
30.00	.5520	40.29	25.99	2.720	170.00	3.3022	217.87	132.32	4.948
32.00	.5951	43.07	27.66	2.810	172.00	3.3407	220.36	133.81	4.963
34.00	.6377	45.82	29.30	2.893	174.00	3.3792	222.85	135.31	4.977
36.00	.6798	48.53	30.92	2.971	176.00	3.4177	225.35	136.80	4.992
38.00	.7216	51.22	32.52	3.043	178.00	3.4562	227.84	138.29	5.006
40.00	.7630	53.88	34.11	3.112	180.00	3.4947	230.33	139.78	5.020
					142.00	2.7626	182.97	111.39	4.724
					144.00	2.8012	185.46	112.89	4.741
42.00	.8041	56.53	35.70	3.176	182.00	3.5332	232.82	141.28	5.033
44.00	.8450	59.16	37.27	3.237	184.00	3.5717	235.31	142.77	5.047
46.00	.8857	61.78	38.83	3.296	186.00	3.6101	237.79	144.26	5.060
48.00	.9262	64.39	40.39	3.351	188.00	3.6486	240.28	145.76	5.074
50.00	.9665	66.99	41.94	3.404	190.00	3.6871	242.77	147.25	5.087
52.00	1.0067	69.57	43.49	3.455	192.00	3.7255	245.26	148.74	5.100
54.00	1.0468	72.16	45.03	3.504	194.00	3.7640	247.75	150.23	5.113
56.00	1.0868	74.73	46.57	3.550	196.00	3.8025	250.24	151.73	5.126
58.00	1.1266	77.30	48.11	3.596	198.00	3.8409	252.73	153.22	5.138
60.00	1.1664	79.86	49.64	3.639	200.00	3.8794	255.22	154.71	5.151
					142.00	2.7626	182.97	111.39	4.724
					144.00	2.8012	185.46	112.89	4.741
62.00	1.2060	82.42	51.17	3.681	202.00	3.9178	257.70	156.20	5.163
64.00	1.2456	84.97	52.70	3.721	204.00	3.9563	260.19	157.69	5.175
66.00	1.2852	87.52	54.22	3.761	206.00	3.9947	262.68	159.19	5.187
68.00	1.3246	90.06	55.74	3.799	208.00	4.0311	265.17	160.68	5.199
70.00	1.3640	92.60	57.26	3.835	210.00	4.0716	267.66	162.17	5.211
72.00	1.4033	95.14	58.78	3.871	212.00	4.1100	270.14	163.66	5.223
74.00	1.4426	97.67	60.30	3.906	214.00	4.1484	272.63	165.15	5.235
76.00	1.4819	100.21	61.81	3.940	216.00	4.1869	275.12	166.64	5.246
78.00	1.5211	102.74	63.33	3.972	218.00	4.2253	277.61	168.14	5.258
80.00	1.5602	105.26	64.84	4.004	220.00	4.2637	280.09	169.63	5.269
					142.00	2.7626	182.97	111.39	4.724
					144.00	2.8012	185.46	112.89	4.741
82.00	1.5993	107.79	66.35	4.036	222.00	4.3022	282.58	171.12	5.280
84.00	1.6384	110.31	67.86	4.066	224.00	4.3406	285.07	172.61	5.292
86.00	1.6774	112.83	69.37	4.096	226.00	4.3790	287.55	174.10	5.303
88.00	1.7165	115.35	70.88	4.125	228.00	4.4174	290.04	175.59	5.314
90.00	1.7554	117.87	72.39	4.153	230.00	4.4558	292.53	177.08	5.325
92.00	1.7944	120.38	73.89	4.181	232.00	4.4942	295.01	178.57	5.335
94.00	1.8333	122.90	75.40	4.208	234.00	4.5327	297.50	180.07	5.346
96.00	1.8722	125.41	76.91	4.234	236.00	4.5711	299.98	181.56	5.357
98.00	1.9111	127.92	78.41	4.260	238.00	4.6095	302.47	183.05	5.367
100.00	1.9500	130.43	79.91	4.285	240.00	4.6479	304.96	184.54	5.377
					142.00	2.7626	182.97	111.39	4.724
					144.00	2.8012	185.46	112.89	4.741
102.00	1.9888	132.94	81.42	4.310	242.00	4.6863	307.44	186.03	5.388
104.00	2.0277	135.45	82.92	4.335	244.00	4.7247	309.93	187.52	5.398
106.00	2.0665	137.96	84.42	4.358	246.00	4.7631	312.41	189.01	5.408
108.00	2.1052	140.47	85.92	4.382	248.00	4.8015	314.90	190.50	5.418
110.00	2.1440	142.97	87.42	4.405	250.00	4.8399	317.38	191.99	5.428
112.00	2.1828	145.48	88.92	4.427	252.00	4.8783	319.87	193.48	5.438
114.00	2.2215	147.98	90.43	4.450	254.00	4.9167	322.36	194.97	5.448
116.00	2.2602	150.48	91.93	4.471	256.00	4.9551	324.84	196.46	5.458
118.00	2.2989	152.99	93.42	4.493	258.00	4.9935	327.33	197.95	5.467
120.00	2.3376	155.49	94.92	4.514	260.00	5.0319	329.81	199.45	5.477

TEMPERATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)	TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)
262.00	5.0703	332.30	200.94	5.486	402.00	7.7554	506.14	305.21	6.018
264.00	5.1086	334.78	202.43	5.496	404.00	7.7938	508.62	306.70	6.024
266.00	5.1470	337.27	203.92	5.505	406.00	7.8321	511.10	308.19	6.030
268.00	5.1854	339.75	205.41	5.515	408.00	7.8704	513.58	309.68	6.036
270.00	5.2238	342.24	206.90	5.524	410.00	7.9088	516.07	311.17	6.042
272.00	5.2622	344.72	208.39	5.533	412.00	7.9471	518.55	312.66	6.049
274.00	5.3006	347.21	209.88	5.542	414.00	7.9854	521.03	314.14	6.055
276.00	5.3390	349.69	211.37	5.551	416.00	8.0238	523.51	315.63	6.061
278.00	5.3773	352.17	212.86	5.560	418.00	8.0621	526.00	317.12	6.066
280.00	5.4157	354.66	214.35	5.569	420.00	8.1005	528.48	318.61	6.072
282.00	5.4541	357.14	215.84	5.578	422.00	8.1388	530.96	320.10	6.078
284.00	5.4925	359.63	217.33	5.587	424.00	8.1771	533.44	321.59	6.084
286.00	5.5308	362.11	218.82	5.595	426.00	8.2155	535.93	323.08	6.090
288.00	5.5692	364.60	220.31	5.604	428.00	8.2538	538.41	324.57	6.096
290.00	5.6076	367.08	221.80	5.613	430.00	8.2921	540.89	326.06	6.102
292.00	5.6460	369.56	223.29	5.621	432.00	8.3305	543.37	327.55	6.107
294.00	5.6843	372.05	224.78	5.630	434.00	8.3688	545.85	329.03	6.113
296.00	5.7227	374.53	226.27	5.638	436.00	8.4071	548.34	330.52	6.119
298.00	5.7611	377.02	227.76	5.646	438.00	8.4455	550.82	332.01	6.124
300.00	5.7995	379.50	229.25	5.655	440.00	8.4838	553.30	333.50	6.130
302.00	5.8378	381.98	230.74	5.663	442.00	8.5221	555.78	334.99	6.136
304.00	5.8762	384.47	232.23	5.671	444.00	8.5605	558.26	336.48	6.141
306.00	5.9146	386.95	233.72	5.679	446.00	8.5988	560.75	337.97	6.147
308.00	5.9529	389.44	235.21	5.687	448.00	8.6371	563.23	339.46	6.152
310.00	5.9913	391.92	236.70	5.695	450.00	8.6755	565.71	340.95	6.158
312.00	6.0297	394.40	238.19	5.703	452.00	8.7138	568.19	342.43	6.164
314.00	6.0680	396.89	239.68	5.711	454.00	8.7521	570.67	343.92	6.169
316.00	6.1064	399.37	241.17	5.719	456.00	8.7905	573.16	345.41	6.174
318.00	6.1447	401.85	242.66	5.727	458.00	8.8288	575.64	346.90	6.180
320.00	6.1831	404.34	244.15	5.735	460.00	8.8671	578.12	348.39	6.185
322.00	6.2215	406.82	245.64	5.743	462.00	8.9054	580.60	349.88	6.191
324.00	6.2598	409.31	247.13	5.750	464.00	8.9438	583.08	351.37	6.196
326.00	6.2982	411.79	248.61	5.758	466.00	8.9821	585.57	352.86	6.201
328.00	6.3365	414.27	250.10	5.765	468.00	9.0204	588.05	354.35	6.207
330.00	6.3749	416.76	251.59	5.773	470.00	9.0588	590.53	355.83	6.212
332.00	6.4133	419.24	253.08	5.781	472.00	9.0971	593.01	357.32	6.217
334.00	6.4516	421.72	254.57	5.788	474.00	9.1354	595.49	358.81	6.222
336.00	6.4900	424.21	256.06	5.795	476.00	9.1737	597.97	360.30	6.228
338.00	6.5283	426.69	257.55	5.803	478.00	9.2121	600.46	361.79	6.233
340.00	6.5667	429.17	259.04	5.810	480.00	9.2504	602.94	363.28	6.238
342.00	6.6050	431.66	260.53	5.817	482.00	9.2887	605.42	364.77	6.243
344.00	6.6434	434.14	262.02	5.825	484.00	9.3271	607.90	366.26	6.248
346.00	6.6817	436.62	263.51	5.832	486.00	9.3654	610.38	367.74	6.254
348.00	6.7201	439.10	265.00	5.839	488.00	9.4037	612.87	369.23	6.259
350.00	6.7584	441.59	266.49	5.846	490.00	9.4420	615.35	370.72	6.264
352.00	6.7968	444.07	267.98	5.853	492.00	9.4804	617.83	372.21	6.269
354.00	6.8351	446.55	269.47	5.860	494.00	9.5187	620.31	373.70	6.274
356.00	6.8735	449.04	270.96	5.867	496.00	9.5570	622.79	375.19	6.279
358.00	6.9118	451.52	272.45	5.874	498.00	9.5953	625.27	376.68	6.284
360.00	6.9502	454.00	273.94	5.881	500.00	9.6337	627.76	378.17	6.289
362.00	6.9885	456.49	275.43	5.888	502.00	9.6720	630.24	379.65	6.294
364.00	7.0269	458.97	276.91	5.895	504.00	9.7103	632.72	381.14	6.299
366.00	7.0652	461.45	278.40	5.902	506.00	9.7486	635.20	382.63	6.304
368.00	7.1036	463.93	279.89	5.908	508.00	9.7870	637.68	384.12	6.308
370.00	7.1419	466.42	281.38	5.915	510.00	9.8253	640.16	385.61	6.313
372.00	7.1803	468.90	282.87	5.922	512.00	9.8636	642.65	387.10	6.318
374.00	7.2186	471.38	284.36	5.928	514.00	9.9019	645.13	388.59	6.323
376.00	7.2570	473.86	285.85	5.935	516.00	9.9403	647.61	390.08	6.328
378.00	7.2953	476.35	287.34	5.942	518.00	9.9786	650.09	391.56	6.333
380.00	7.3337	478.83	288.83	5.948	520.00	10.0169	652.57	393.05	6.337
382.00	7.3720	481.31	290.32	5.955	522.00	10.0552	655.05	394.54	6.342
384.00	7.4103	483.80	291.81	5.961	524.00	10.0936	657.54	396.03	6.347
386.00	7.4487	486.28	293.30	5.968	526.00	10.1319	660.02	397.52	6.352
388.00	7.4870	488.76	294.79	5.974	528.00	10.1702	662.50	399.01	6.356
390.00	7.5254	491.24	296.27	5.980	530.00	10.2085	664.98	400.50	6.361
392.00	7.5637	493.73	297.76	5.987	532.00	10.2469	667.46	401.99	6.366
394.00	7.6021	496.21	299.25	5.993	534.00	10.2852	669.94	403.47	6.370
396.00	7.6404	498.69	300.74	5.999	536.00	10.3235	672.42	404.96	6.375
398.00	7.6787	501.17	302.23	6.006	538.00	10.3618	674.91	406.45	6.380
400.00	7.7171	503.66	303.72	6.012	540.00	10.4001	677.39	407.94	6.384

TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)	TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)
					122.00	2.0845	158.05	96.33	4.467
					124.00	2.1184	160.55	97.83	4.488
					126.00	2.1522	163.06	99.33	4.508
					128.00	2.1861	165.56	100.83	4.528
					130.00	2.2199	168.06	102.33	4.547
					132.00	2.2538	170.56	103.83	4.566
					134.00	2.2876	173.06	105.33	4.585
					136.00	2.3214	175.56	106.82	4.603
					138.00	2.3553	178.06	108.32	4.622
					140.00	2.3891	180.56	109.82	4.640
					142.00	2.4229	183.05	111.32	4.657
					144.00	2.4566	185.55	112.81	4.675
6.00	.1013	5.21	2.21	.538	146.00	2.4904	188.05	114.31	4.692
8.00	.1064	6.53	3.38	.718	148.00	2.5242	190.54	115.80	4.709
10.00	.1148	8.21	4.81	.911	150.00	2.5580	193.04	117.30	4.726
12.00	.1290	10.47	6.65	1.124	152.00	2.5917	195.54	118.80	4.742
14.00	.1537	13.49	8.94	1.356	154.00	2.6255	198.03	120.29	4.759
16.00	.1918	17.30	11.62	1.610	156.00	2.6593	200.53	121.79	4.775
18.00	.2361	21.12	14.13	1.835	158.00	2.6930	203.02	123.28	4.790
20.00	.2803	24.67	16.37	2.022	160.00	2.7267	205.52	124.78	4.806
22.00	.3230	27.98	18.41	2.180	162.00	2.7605	208.01	126.27	4.822
24.00	.3645	31.12	20.33	2.316	164.00	2.7942	210.50	127.77	4.837
26.00	.4048	34.14	22.16	2.437	166.00	2.8279	213.00	129.26	4.852
28.00	.4441	37.07	23.92	2.546	168.00	2.8617	215.49	130.76	4.867
30.00	.4828	39.94	25.65	2.645	170.00	2.8954	217.98	132.25	4.882
32.00	.5208	42.75	27.33	2.736	172.00	2.9291	220.47	133.75	4.896
34.00	.5584	45.52	28.99	2.820	174.00	2.9628	222.97	135.24	4.911
36.00	.5955	48.26	30.63	2.898	176.00	2.9965	225.46	136.73	4.925
38.00	.6323	50.97	32.25	2.971	178.00	3.0302	227.95	138.23	4.939
40.00	.6688	53.66	33.86	3.040	180.00	3.0639	230.44	139.72	4.953
42.00	.7050	56.32	35.45	3.105	182.00	3.0976	232.93	141.22	4.967
44.00	.7410	58.97	37.03	3.167	184.00	3.1313	235.42	142.71	4.980
46.00	.7768	61.61	38.61	3.225	186.00	3.1650	237.91	144.20	4.994
48.00	.8124	64.23	40.18	3.281	188.00	3.1986	240.41	145.70	5.007
50.00	.8479	66.84	41.74	3.334	190.00	3.2323	242.90	147.19	5.020
52.00	.8833	69.44	43.29	3.385	192.00	3.2660	245.39	148.68	5.033
54.00	.9185	72.04	44.84	3.434	194.00	3.2997	247.88	150.17	5.046
56.00	.9536	74.62	46.39	3.481	196.00	3.3333	250.37	151.67	5.059
58.00	.9886	77.20	47.93	3.527	198.00	3.3670	252.85	153.16	5.072
60.00	1.0235	79.77	49.47	3.570	200.00	3.4007	255.34	154.65	5.084
62.00	1.0583	82.34	51.00	3.612	202.00	3.4343	257.83	156.15	5.097
64.00	1.0931	84.90	52.53	3.653	204.00	3.4680	260.32	157.64	5.109
66.00	1.1278	87.45	54.06	3.692	206.00	3.5016	262.81	159.13	5.121
68.00	1.1624	90.01	55.59	3.730	208.00	3.5353	265.30	160.62	5.133
70.00	1.1970	92.55	57.11	3.767	210.00	3.5689	267.79	162.12	5.145
72.00	1.2315	95.10	58.63	3.803	212.00	3.6026	270.28	163.61	5.157
74.00	1.2660	97.64	60.15	3.838	214.00	3.6362	272.77	165.10	5.168
76.00	1.3004	100.18	61.67	3.872	216.00	3.6699	275.25	166.59	5.180
78.00	1.3348	102.71	63.19	3.905	218.00	3.7035	277.74	168.08	5.191
80.00	1.3691	105.25	64.71	3.937	220.00	3.7371	280.23	169.58	5.203
82.00	1.4035	107.78	66.22	3.968	222.00	3.7708	282.72	171.07	5.214
84.00	1.4377	110.30	67.73	3.998	224.00	3.8044	285.20	172.56	5.225
86.00	1.4720	112.83	69.25	4.028	226.00	3.8380	287.69	174.05	5.236
88.00	1.5062	115.35	70.76	4.057	228.00	3.8717	290.18	175.54	5.247
90.00	1.5404	117.88	72.27	4.085	230.00	3.9053	292.67	177.03	5.258
92.00	1.5745	120.40	73.78	4.113	232.00	3.9389	295.15	178.53	5.269
94.00	1.6086	122.92	75.28	4.140	234.00	3.9726	297.64	180.02	5.279
96.00	1.6427	125.43	76.79	4.167	236.00	4.0062	300.13	181.51	5.290
98.00	1.6768	127.95	78.30	4.193	238.00	4.0398	302.61	183.00	5.301
100.00	1.7109	130.46	79.80	4.218	240.00	4.0734	305.10	184.49	5.311
102.00	1.7449	132.98	81.31	4.243	242.00	4.1070	307.59	185.98	5.321
104.00	1.7790	135.49	82.81	4.267	244.00	4.1406	310.07	187.47	5.332
106.00	1.8130	138.00	84.32	4.291	246.00	4.1743	312.56	188.96	5.342
108.00	1.8470	140.51	85.82	4.315	248.00	4.2079	315.05	190.46	5.352
110.00	1.8809	143.02	87.32	4.338	250.00	4.2415	317.53	191.95	5.362
112.00	1.9149	145.53	88.83	4.360	252.00	4.2751	320.02	193.44	5.372
114.00	1.9488	148.03	90.33	4.383	254.00	4.3087	322.51	194.93	5.381
116.00	1.9828	150.54	91.83	4.404	256.00	4.3423	324.99	196.42	5.391
118.00	2.0167	153.04	93.33	4.426	258.00	4.3759	327.48	197.91	5.401
120.00	2.0506	155.55	94.83	4.447	260.00	4.4095	329.96	199.40	5.410

TEMPERATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)	TEMPERATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)
262.00	4.4431	332.45	200.89	5.420	402.00	6.7931	506.32	305.18	5.952
264.00	4.4767	334.93	202.38	5.429	404.00	6.8267	508.80	306.67	5.958
266.00	4.5103	337.42	203.87	5.439	406.00	6.8602	511.29	308.16	5.964
268.00	4.5439	339.91	205.36	5.448	408.00	6.8938	513.77	309.65	5.970
270.00	4.5775	342.39	206.85	5.457	410.00	6.9273	516.25	311.14	5.976
272.00	4.6111	344.88	208.34	5.467	412.00	6.9609	518.73	312.63	5.982
274.00	4.6447	347.36	209.84	5.476	414.00	6.9944	521.22	314.12	5.988
276.00	4.6783	349.85	211.33	5.485	416.00	7.0280	523.70	315.61	5.994
278.00	4.7119	352.33	212.82	5.494	418.00	7.0615	526.18	317.09	6.000
280.00	4.7455	354.82	214.31	5.503	420.00	7.0951	528.66	318.58	6.006
282.00	4.7791	357.30	215.80	5.511	422.00	7.1286	531.15	320.07	6.012
284.00	4.8127	359.79	217.29	5.520	424.00	7.1622	533.63	321.56	6.018
286.00	4.8462	362.27	218.78	5.529	426.00	7.1957	536.11	323.05	6.024
288.00	4.8798	364.76	220.27	5.538	428.00	7.2293	538.59	324.54	6.029
290.00	4.9134	367.24	221.76	5.546	430.00	7.2628	541.08	326.03	6.035
292.00	4.9470	369.73	223.25	5.555	432.00	7.2964	543.56	327.52	6.041
294.00	4.9806	372.21	224.74	5.563	434.00	7.3299	546.04	329.01	6.047
296.00	5.0142	374.70	226.23	5.572	436.00	7.3634	548.52	330.50	6.052
298.00	5.0478	377.18	227.72	5.580	438.00	7.3970	551.00	331.99	6.058
300.00	5.0813	379.66	229.21	5.588	440.00	7.4305	553.49	333.47	6.064
302.00	5.1149	382.15	230.70	5.597	442.00	7.4641	555.97	334.96	6.069
304.00	5.1485	384.63	232.19	5.605	444.00	7.4976	558.45	336.45	6.075
306.00	5.1821	387.12	233.68	5.613	446.00	7.5312	560.93	337.94	6.081
308.00	5.2157	389.60	235.17	5.621	448.00	7.5647	563.42	339.43	6.086
310.00	5.2492	392.09	236.66	5.629	450.00	7.5983	565.90	340.92	6.092
312.00	5.2828	394.57	238.15	5.637	452.00	7.6318	568.38	342.41	6.097
314.00	5.3164	397.05	239.64	5.645	454.00	7.6653	570.86	343.90	6.103
316.00	5.3500	399.54	241.13	5.653	456.00	7.6989	573.34	345.39	6.108
318.00	5.3835	402.02	242.62	5.661	458.00	7.7324	575.83	346.88	6.114
320.00	5.4171	404.51	244.11	5.668	460.00	7.7660	578.31	348.36	6.119
322.00	5.4507	406.99	245.60	5.676	462.00	7.7995	580.79	349.85	6.124
324.00	5.4843	409.47	247.09	5.684	464.00	7.8331	583.27	351.34	6.130
326.00	5.5178	411.96	248.58	5.692	466.00	7.8666	585.76	352.83	6.135
328.00	5.5514	414.44	250.07	5.699	468.00	7.9001	588.24	354.32	6.140
330.00	5.5850	416.93	251.56	5.707	470.00	7.9337	590.72	355.81	6.146
332.00	5.6185	419.41	253.05	5.714	472.00	7.9672	593.20	357.30	6.151
334.00	5.6521	421.89	254.54	5.722	474.00	8.0008	595.68	358.79	6.156
336.00	5.6857	424.38	256.03	5.729	476.00	8.0343	598.17	360.28	6.161
338.00	5.7192	426.86	257.52	5.736	478.00	8.0679	600.65	361.77	6.167
340.00	5.7528	429.34	259.01	5.744	480.00	8.1014	603.13	363.25	6.172
342.00	5.7864	431.83	260.50	5.751	482.00	8.1349	605.61	364.74	6.177
344.00	5.8199	434.31	261.99	5.758	484.00	8.1685	608.09	366.23	6.182
346.00	5.8535	436.79	263.48	5.765	486.00	8.2020	610.58	367.72	6.187
348.00	5.8871	439.28	264.97	5.773	488.00	8.2356	613.06	369.21	6.192
350.00	5.9206	441.76	266.46	5.780	490.00	8.2691	615.54	370.70	6.197
352.00	5.9542	444.24	267.95	5.787	492.00	8.3026	618.02	372.19	6.202
354.00	5.9878	446.73	269.44	5.794	494.00	8.3362	620.50	373.68	6.207
356.00	6.0213	449.21	270.92	5.801	496.00	8.3697	622.99	375.16	6.212
358.00	6.0549	451.69	272.41	5.808	498.00	8.4032	625.47	376.65	6.217
360.00	6.0884	454.18	273.90	5.815	500.00	8.4368	627.95	378.14	6.222
362.00	6.1220	456.66	275.39	5.822	502.00	8.4703	630.43	379.63	6.227
364.00	6.1556	459.14	276.88	5.828	504.00	8.5039	632.91	381.12	6.232
366.00	6.1891	461.63	278.37	5.835	506.00	8.5374	635.39	382.61	6.237
368.00	6.2227	464.11	279.86	5.842	508.00	8.5709	637.88	384.10	6.242
370.00	6.2562	466.59	281.35	5.849	510.00	8.6045	640.36	385.59	6.247
372.00	6.2898	469.08	282.84	5.855	512.00	8.6380	642.84	387.08	6.252
374.00	6.3234	471.56	284.33	5.862	514.00	8.6715	645.32	388.56	6.257
376.00	6.3569	474.04	285.82	5.869	516.00	8.7051	647.80	390.05	6.262
378.00	6.3905	476.53	287.31	5.875	518.00	8.7386	650.29	391.54	6.266
380.00	6.4240	479.01	288.80	5.882	520.00	8.7722	652.77	393.03	6.271
382.00	6.4576	481.49	290.29	5.888	522.00	8.8057	655.25	394.52	6.276
384.00	6.4911	483.97	291.78	5.895	524.00	8.8392	657.73	396.01	6.281
386.00	6.5247	486.46	293.27	5.901	526.00	8.8728	660.21	397.50	6.285
388.00	6.5582	488.94	294.76	5.908	528.00	8.9063	662.69	398.99	6.290
390.00	6.5918	491.42	296.25	5.914	530.00	8.9398	665.18	400.47	6.295
392.00	6.6254	493.91	297.73	5.920	532.00	8.9734	667.66	401.96	6.299
394.00	6.6589	496.39	299.22	5.927	534.00	9.0069	670.14	403.45	6.304
396.00	6.6925	498.87	300.71	5.933	536.00	9.0404	672.62	404.94	6.309
398.00	6.7260	501.35	302.20	5.939	538.00	9.0740	675.10	406.43	6.313
400.00	6.7596	503.84	303.69	5.945	540.00	9.1075	677.58	407.92	6.318

180.00 PSIA ISOBAR

TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB-R)	ENTROPY (BTU/LB-R)	TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB-R)	ENTROPY (BTU/LB-R)
					122.00	1.8575	158.12	96.24	4.408
					124.00	1.8877	160.62	97.74	4.429
					126.00	1.9178	163.13	99.24	4.449
					128.00	1.9479	165.63	100.74	4.468
					130.00	1.9781	168.13	102.24	4.488
					132.00	2.0082	170.64	103.74	4.507
					134.00	2.0383	173.14	105.24	4.526
					136.00	2.0684	175.64	106.74	4.544
					138.00	2.0985	178.14	108.24	4.563
					140.00	2.1285	180.64	109.74	4.581
					142.00	2.1586	183.14	111.24	4.598
					144.00	2.1887	185.64	112.74	4.616
6.00	.1002	5.54	2.20	.531	146.00	2.2187	188.14	114.23	4.633
8.00	.1049	6.83	3.34	.707	148.00	2.2488	190.64	115.73	4.650
10.00	.1124	8.45	4.70	.892	150.00	2.2788	193.14	117.23	4.667
12.00	.1244	10.56	6.42	1.093	152.00	2.3089	195.63	118.72	4.683
14.00	.1441	13.32	8.52	1.304	154.00	2.3389	198.13	120.22	4.700
16.00	.1738	16.84	11.05	1.539	156.00	2.3689	200.63	121.72	4.716
18.00	.2105	20.57	13.56	1.758	158.00	2.3989	203.12	123.21	4.732
20.00	.2489	24.13	15.84	1.946	160.00	2.4289	205.62	124.71	4.747
22.00	.2867	27.49	17.94	2.106	162.00	2.4590	208.11	126.21	4.763
24.00	.3236	30.68	19.90	2.245	164.00	2.4890	210.61	127.70	4.778
26.00	.3596	33.74	21.76	2.368	166.00	2.5190	213.10	129.20	4.793
28.00	.3948	36.71	23.56	2.478	168.00	2.5490	215.60	130.69	4.808
30.00	.4294	39.61	25.31	2.578	170.00	2.5789	218.09	132.19	4.823
32.00	.4635	42.46	27.02	2.670	172.00	2.6089	220.59	133.68	4.838
34.00	.4971	45.25	28.70	2.754	174.00	2.6389	223.08	135.18	4.852
36.00	.5303	48.01	30.35	2.833	176.00	2.6689	225.57	136.67	4.866
38.00	.5632	50.74	31.98	2.907	178.00	2.6989	228.07	138.17	4.880
40.00	.5958	53.45	33.60	2.976	180.00	2.7288	230.56	139.66	4.894
42.00	.6282	56.13	35.21	3.042	182.00	2.7588	233.05	141.15	4.908
44.00	.6604	58.80	36.80	3.104	184.00	2.7888	235.54	142.65	4.922
46.00	.6923	61.45	38.39	3.163	186.00	2.8187	238.04	144.14	4.935
48.00	.7242	64.09	39.96	3.219	188.00	2.8487	240.53	145.64	4.948
50.00	.7558	66.71	41.53	3.272	190.00	2.8786	243.02	147.13	4.962
52.00	.7874	69.32	43.09	3.324	192.00	2.9086	245.51	148.62	4.975
54.00	.8188	71.93	44.65	3.373	194.00	2.9385	248.00	150.12	4.988
56.00	.8502	74.52	46.20	3.420	196.00	2.9685	250.49	151.61	5.000
58.00	.8814	77.11	47.75	3.465	198.00	2.9984	252.98	153.10	5.013
60.00	.9125	79.69	49.29	3.509	200.00	3.0284	255.47	154.60	5.025
62.00	.9436	82.26	50.83	3.551	202.00	3.0583	257.96	156.09	5.038
64.00	.9746	84.83	52.37	3.592	204.00	3.0882	260.45	157.58	5.050
66.00	1.0055	87.40	53.90	3.632	206.00	3.1181	262.94	159.08	5.062
68.00	1.0364	89.96	55.43	3.670	208.00	3.1481	265.43	160.57	5.074
70.00	1.0672	92.51	56.96	3.707	210.00	3.1780	267.92	162.06	5.086
72.00	1.0980	95.06	58.49	3.743	212.00	3.2079	270.41	163.55	5.098
74.00	1.1287	97.61	60.01	3.778	214.00	3.2378	272.90	165.05	5.110
76.00	1.1594	100.15	61.53	3.812	216.00	3.2678	275.39	166.54	5.121
78.00	1.1900	102.70	63.06	3.845	218.00	3.2977	277.88	168.03	5.133
80.00	1.2206	105.23	64.57	3.877	220.00	3.3276	280.37	169.52	5.144
82.00	1.2512	107.77	66.09	3.908	222.00	3.3575	282.86	171.02	5.155
84.00	1.2817	110.30	67.61	3.939	224.00	3.3874	285.34	172.51	5.167
86.00	1.3122	112.83	69.12	3.968	226.00	3.4173	287.83	174.00	5.178
88.00	1.3427	115.36	70.64	3.997	228.00	3.4472	290.32	175.49	5.189
90.00	1.3731	117.89	72.15	4.026	230.00	3.4771	292.81	176.98	5.199
92.00	1.4035	120.41	73.66	4.054	232.00	3.5070	295.30	178.48	5.210
94.00	1.4339	122.94	75.17	4.081	234.00	3.5369	297.78	179.97	5.221
96.00	1.4643	125.46	76.68	4.107	236.00	3.5668	300.27	181.46	5.231
98.00	1.4947	127.98	78.19	4.133	238.00	3.5967	302.76	182.95	5.242
100.00	1.5250	130.49	79.70	4.159	240.00	3.6266	305.25	184.44	5.252
102.00	1.5553	133.01	81.20	4.184	242.00	3.6565	307.73	185.93	5.263
104.00	1.5856	135.53	82.71	4.208	244.00	3.6864	310.22	187.43	5.273
106.00	1.6159	138.04	84.22	4.232	246.00	3.7163	312.71	188.92	5.283
108.00	1.6461	140.55	85.72	4.255	248.00	3.7462	315.20	190.41	5.293
110.00	1.6764	143.07	87.23	4.278	250.00	3.7761	317.68	191.90	5.303
112.00	1.7066	145.58	88.73	4.301	252.00	3.8059	320.17	193.39	5.313
114.00	1.7368	148.09	90.23	4.323	254.00	3.8358	322.66	194.88	5.323
116.00	1.7670	150.60	91.74	4.345	256.00	3.8657	325.14	196.37	5.333
118.00	1.7972	153.10	93.24	4.367	258.00	3.8956	327.63	197.87	5.342
120.00	1.8274	155.61	94.74	4.388	260.00	3.9255	330.12	199.36	5.352

TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)	TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)
262.00	3.9553	332.60	200.85	5.361	402.00	6.0447	506.50	305.15	5.893
264.00	3.9852	335.09	202.34	5.371	404.00	6.0745	508.99	306.64	5.899
266.00	4.0151	337.57	203.83	5.380	406.00	6.1043	511.47	308.13	5.905
268.00	4.0450	340.06	205.32	5.390	408.00	6.1341	513.95	309.62	5.912
270.00	4.0748	342.55	206.81	5.399	410.00	6.1640	516.43	311.11	5.918
272.00	4.1047	345.03	208.30	5.408	412.00	6.1938	518.92	312.60	5.924
274.00	4.1346	347.52	209.79	5.417	414.00	6.2236	521.40	314.09	5.930
276.00	4.1645	350.00	211.28	5.426	416.00	6.2535	523.88	315.58	5.936
278.00	4.1943	352.49	212.78	5.435	418.00	6.2833	526.36	317.07	5.942
280.00	4.2242	354.98	214.27	5.444	420.00	6.3131	528.85	318.56	5.948
282.00	4.2541	357.46	215.76	5.453	422.00	6.3429	531.33	320.05	5.953
284.00	4.2839	359.95	217.25	5.462	424.00	6.3728	533.81	321.53	5.959
286.00	4.3138	362.43	218.74	5.470	426.00	6.4026	536.30	323.02	5.965
288.00	4.3436	364.92	220.23	5.479	428.00	6.4324	538.78	324.51	5.971
290.00	4.3735	367.40	221.72	5.488	430.00	6.4622	541.26	326.00	5.977
292.00	4.4034	369.89	223.21	5.496	432.00	6.4920	543.74	327.49	5.983
294.00	4.4332	372.37	224.70	5.505	434.00	6.5219	546.23	328.98	5.988
296.00	4.4631	374.86	226.19	5.513	436.00	6.5517	548.71	330.47	5.994
298.00	4.4929	377.34	227.68	5.521	438.00	6.5815	551.19	331.96	6.000
300.00	4.5228	379.83	229.17	5.530	440.00	6.6113	553.67	333.45	6.005
302.00	4.5527	382.31	230.66	5.538	442.00	6.6412	556.16	334.94	6.011
304.00	4.5825	384.80	232.15	5.546	444.00	6.6710	558.64	336.43	6.017
306.00	4.6124	387.28	233.64	5.554	446.00	6.7008	561.12	337.92	6.022
308.00	4.6422	389.77	235.13	5.562	448.00	6.7306	563.60	339.40	6.028
310.00	4.6721	392.25	236.62	5.570	450.00	6.7604	566.09	340.89	6.033
312.00	4.7019	394.74	238.11	5.578	452.00	6.7903	568.57	342.38	6.039
314.00	4.7318	397.22	239.60	5.586	454.00	6.8201	571.05	343.87	6.044
316.00	4.7616	399.71	241.09	5.594	456.00	6.8499	573.53	345.36	6.050
318.00	4.7915	402.19	242.58	5.602	458.00	6.8797	576.02	346.85	6.055
320.00	4.8213	404.67	244.07	5.610	460.00	6.9095	578.50	348.34	6.060
322.00	4.8512	407.16	245.56	5.618	462.00	6.9394	580.98	349.83	6.066
324.00	4.8810	409.64	247.05	5.625	464.00	6.9692	583.46	351.32	6.071
326.00	4.9109	412.13	248.54	5.633	466.00	6.9990	585.95	352.81	6.077
328.00	4.9407	414.61	250.03	5.641	468.00	7.0288	588.43	354.30	6.082
330.00	4.9706	417.10	251.52	5.648	470.00	7.0586	590.91	355.78	6.087
332.00	5.0004	419.58	253.01	5.656	472.00	7.0884	593.39	357.27	6.092
334.00	5.0303	422.06	254.50	5.663	474.00	7.1183	595.87	358.76	6.098
336.00	5.0601	424.55	255.99	5.670	476.00	7.1481	598.36	360.25	6.103
338.00	5.0900	427.03	257.48	5.678	478.00	7.1779	600.84	361.74	6.108
340.00	5.1198	429.52	258.97	5.685	480.00	7.2077	603.32	363.23	6.113
342.00	5.1496	432.00	260.46	5.692	482.00	7.2375	605.80	364.72	6.118
344.00	5.1795	434.48	261.95	5.700	484.00	7.2673	608.29	366.21	6.124
346.00	5.2093	436.97	263.44	5.707	486.00	7.2972	610.77	367.70	6.129
348.00	5.2392	439.45	264.93	5.714	488.00	7.3270	613.25	369.19	6.134
350.00	5.2690	441.94	266.42	5.721	490.00	7.3568	615.73	370.67	6.139
352.00	5.2988	444.42	267.91	5.728	492.00	7.3866	618.21	372.16	6.144
354.00	5.3287	446.90	269.40	5.735	494.00	7.4164	620.70	373.65	6.149
356.00	5.3585	449.39	270.89	5.742	496.00	7.4462	623.18	375.14	6.154
358.00	5.3884	451.87	272.38	5.749	498.00	7.4761	625.66	376.63	6.159
360.00	5.4182	454.35	273.87	5.756	500.00	7.5059	628.14	378.12	6.164
362.00	5.4480	456.84	275.36	5.763	502.00	7.5357	630.62	379.61	6.169
364.00	5.4779	459.32	276.85	5.770	504.00	7.5655	633.11	381.10	6.174
366.00	5.5077	461.80	278.34	5.777	506.00	7.5953	635.59	382.59	6.179
368.00	5.5375	464.29	279.83	5.783	508.00	7.6251	638.07	384.07	6.184
370.00	5.5674	466.77	281.32	5.790	510.00	7.6549	640.55	385.56	6.189
372.00	5.5972	469.25	282.81	5.797	512.00	7.6848	643.03	387.05	6.193
374.00	5.6270	471.74	284.30	5.804	514.00	7.7146	645.52	388.54	6.198
376.00	5.6569	474.22	285.79	5.810	516.00	7.7444	648.00	390.03	6.203
378.00	5.6867	476.70	287.28	5.817	518.00	7.7742	650.48	391.52	6.208
380.00	5.7165	479.19	288.77	5.823	520.00	7.8040	652.96	393.01	6.213
382.00	5.7464	481.67	290.26	5.830	522.00	7.8338	655.44	394.50	6.217
384.00	5.7762	484.15	291.75	5.836	524.00	7.8636	657.93	395.99	6.222
386.00	5.8060	486.64	293.24	5.843	526.00	7.8934	660.41	397.47	6.227
388.00	5.8359	489.12	294.73	5.849	528.00	7.9233	662.89	398.96	6.232
390.00	5.8657	491.60	296.22	5.856	530.00	7.9531	665.37	400.45	6.236
392.00	5.8955	494.09	297.70	5.862	532.00	7.9829	667.85	401.94	6.241
394.00	5.9254	496.57	299.19	5.868	534.00	8.0127	670.34	403.43	6.246
396.00	5.9552	499.05	300.68	5.875	536.00	8.0425	672.82	404.92	6.250
398.00	5.9850	501.54	302.17	5.881	538.00	8.0723	675.30	406.41	6.255
400.00	6.0148	504.02	303.66	5.887	540.00	8.1021	677.78	407.90	6.259

TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)	TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)
122.00		1.6760	158.18	96.15	4.355				
124.00		1.7031	160.69	97.66	4.376				
126.00		1.7303	163.20	99.16	4.396				
128.00		1.7574	165.71	100.66	4.416				
130.00		1.7846	168.21	102.16	4.435				
132.00		1.8117	170.72	103.66	4.454				
134.00		1.8388	173.22	105.16	4.473				
136.00		1.8659	175.72	106.66	4.491				
138.00		1.8930	178.23	108.16	4.510				
140.00		1.9201	180.73	109.66	4.528				
					142.00	1.9472	183.23	111.16	4.546
					144.00	1.9743	185.73	112.66	4.563
6.00	.0992	5.87	2.20	.524	146.00	2.0014	188.23	114.16	4.580
8.00	.1036	7.13	3.30	.696	148.00	2.0284	190.73	115.66	4.597
10.00	.1103	8.70	4.61	.876	150.00	2.0555	193.23	117.15	4.614
12.00	.1208	10.71	6.24	1.067	152.00	2.0826	195.73	118.65	4.631
14.00	.1370	13.26	8.19	1.263	154.00	2.1096	198.23	120.15	4.647
16.00	.1611	16.55	10.58	1.482	156.00	2.1367	200.73	121.65	4.663
18.00	.1917	20.14	13.04	1.693	158.00	2.1637	203.23	123.14	4.679
20.00	.2250	23.68	15.35	1.880	160.00	2.1907	205.72	124.64	4.695
22.00	.2586	27.06	17.49	2.041	162.00	2.2178	208.22	126.14	4.710
24.00	.2916	30.28	19.49	2.181	164.00	2.2448	210.72	127.63	4.725
26.00	.3241	33.38	21.38	2.305	166.00	2.2718	213.21	129.13	4.741
28.00	.3559	36.38	23.21	2.416	168.00	2.2988	215.71	130.63	4.756
30.00	.3872	39.31	24.98	2.517	170.00	2.3258	218.20	132.12	4.770
32.00	.4180	42.18	26.71	2.610	172.00	2.3528	220.70	133.62	4.785
34.00	.4484	45.00	28.41	2.696	174.00	2.3798	223.19	135.11	4.799
36.00	.4784	47.78	30.08	2.775	176.00	2.4068	225.69	136.61	4.814
38.00	.5082	50.53	31.73	2.849	178.00	2.4338	228.18	138.10	4.828
40.00	.5377	53.26	33.36	2.919	180.00	2.4608	230.68	139.60	4.842
42.00	.5670	55.96	34.97	2.985	182.00	2.4878	233.17	141.09	4.855
44.00	.5960	58.64	36.58	3.048	184.00	2.5148	235.66	142.59	4.869
46.00	.6250	61.30	38.17	3.107	186.00	2.5418	238.16	144.08	4.882
48.00	.6537	63.95	39.76	3.163	188.00	2.5687	240.65	145.58	4.896
50.00	.6823	66.59	41.33	3.217	190.00	2.5957	243.14	147.07	4.909
52.00	.7108	69.21	42.90	3.268	192.00	2.6227	245.63	148.57	4.922
54.00	.7392	71.83	44.47	3.318	194.00	2.6496	248.13	150.06	4.935
56.00	.7675	74.43	46.02	3.365	196.00	2.6766	250.62	151.55	4.948
58.00	.7957	77.03	47.58	3.411	198.00	2.7036	253.11	153.05	4.960
60.00	.8239	79.62	49.12	3.455	200.00	2.7305	255.60	154.54	4.973
62.00	.8519	82.20	50.67	3.497	202.00	2.7575	258.09	156.03	4.985
64.00	.8799	84.78	52.21	3.538	204.00	2.7844	260.58	157.53	4.998
66.00	.9078	87.35	53.75	3.577	206.00	2.8114	263.07	159.02	5.010
68.00	.9357	89.91	55.28	3.616	208.00	2.8383	265.57	160.51	5.022
70.00	.9635	92.48	56.82	3.653	210.00	2.8653	268.06	162.01	5.034
72.00	.9913	95.03	58.35	3.689	212.00	2.8922	270.55	163.50	5.045
74.00	1.0190	97.59	59.87	3.724	214.00	2.9191	273.04	164.99	5.057
76.00	1.0467	100.14	61.40	3.758	216.00	2.9461	275.53	166.49	5.069
78.00	1.0743	102.68	62.92	3.791	218.00	2.9730	278.02	167.98	5.080
80.00	1.1019	105.23	64.44	3.823	220.00	2.9999	280.51	169.47	5.092
82.00	1.1294	107.77	65.96	3.854	222.00	3.0269	282.99	170.97	5.103
84.00	1.1570	110.31	67.48	3.885	224.00	3.0538	285.48	172.46	5.114
86.00	1.1845	112.84	69.00	3.915	226.00	3.0807	287.97	173.95	5.125
88.00	1.2120	115.37	70.52	3.944	228.00	3.1077	290.46	175.44	5.136
90.00	1.2394	117.90	72.03	3.972	230.00	3.1346	292.95	176.94	5.147
92.00	1.2668	120.43	73.55	4.000	232.00	3.1615	295.44	178.43	5.158
94.00	1.2942	122.96	75.06	4.027	234.00	3.1884	297.93	179.92	5.168
96.00	1.3216	125.49	76.57	4.054	236.00	3.2153	300.42	181.41	5.179
98.00	1.3490	128.01	78.08	4.080	238.00	3.2423	302.90	182.90	5.189
100.00	1.3763	130.53	79.59	4.105	240.00	3.2692	305.39	184.40	5.200
102.00	1.4036	133.05	81.10	4.130	242.00	3.2961	307.88	185.89	5.210
104.00	1.4309	135.57	82.61	4.155	244.00	3.3230	310.37	187.38	5.220
106.00	1.4582	138.09	84.12	4.179	246.00	3.3499	312.86	188.87	5.231
108.00	1.4855	140.60	85.62	4.202	248.00	3.3768	315.34	190.36	5.241
110.00	1.5127	143.12	87.13	4.225	250.00	3.4037	317.83	191.86	5.251
112.00	1.5400	145.63	88.63	4.248	252.00	3.4306	320.32	193.35	5.261
114.00	1.5672	148.14	90.14	4.270	254.00	3.4575	322.81	194.84	5.270
116.00	1.5944	150.66	91.64	4.292	256.00	3.4844	325.29	196.33	5.280
118.00	1.6216	153.17	93.15	4.314	258.00	3.5113	327.78	197.82	5.290
120.00	1.6488	155.68	94.65	4.335	260.00	3.5382	330.27	199.31	5.299

TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB-R)	ENTROPY (BTU/LB-R)	TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB-R)	ENTROPY (BTU/LB-R)
262.00	3.5651	332.76	200.80	5.309	402.00	5.4459	506.68	305.12	5.841
264.00	3.5920	335.24	202.30	5.318	404.00	5.4728	509.17	306.61	5.847
266.00	3.6189	337.73	203.79	5.328	406.00	5.4996	511.65	308.10	5.853
268.00	3.6458	340.22	205.28	5.337	408.00	5.5265	514.13	309.59	5.859
270.00	3.6727	342.70	206.77	5.346	410.00	5.5533	516.62	311.08	5.865
272.00	3.6996	345.19	208.26	5.356	412.00	5.5801	519.10	312.57	5.871
274.00	3.7265	347.68	209.75	5.365	414.00	5.6070	521.58	314.06	5.877
276.00	3.7534	350.16	211.24	5.374	416.00	5.6338	524.07	315.55	5.883
278.00	3.7803	352.65	212.73	5.383	418.00	5.6607	526.55	317.04	5.889
280.00	3.8072	355.13	214.23	5.392	420.00	5.6875	529.03	318.53	5.895
282.00	3.8340	357.62	215.72	5.400	422.00	5.7144	531.52	320.02	5.901
284.00	3.8609	360.11	217.21	5.409	424.00	5.7412	534.00	321.51	5.907
286.00	3.8878	362.59	218.70	5.418	426.00	5.7681	536.48	323.00	5.913
288.00	3.9147	365.08	220.19	5.427	428.00	5.7949	538.96	324.49	5.919
290.00	3.9416	367.56	221.68	5.435	430.00	5.8218	541.45	325.98	5.924
292.00	3.9685	370.05	223.17	5.444	432.00	5.8486	543.93	327.46	5.930
294.00	3.9953	372.54	224.66	5.452	434.00	5.8754	546.41	328.95	5.936
296.00	4.0222	375.02	226.15	5.461	436.00	5.9023	548.90	330.44	5.942
298.00	4.0491	377.51	227.64	5.469	438.00	5.9291	551.38	331.93	5.947
300.00	4.0760	379.99	229.13	5.477	440.00	5.9560	553.86	333.42	5.953
302.00	4.1029	382.48	230.62	5.486	442.00	5.9828	556.34	334.91	5.959
304.00	4.1297	384.96	232.11	5.494	444.00	6.0097	558.83	336.40	5.964
306.00	4.1566	387.45	233.61	5.502	446.00	6.0365	561.31	337.89	5.970
308.00	4.1835	389.93	235.10	5.510	448.00	6.0633	563.79	339.38	5.975
310.00	4.2104	392.42	236.59	5.518	450.00	6.0902	566.27	340.87	5.981
312.00	4.2372	394.90	238.08	5.526	452.00	6.1170	568.76	342.36	5.986
314.00	4.2641	397.39	239.57	5.534	454.00	6.1439	571.24	343.85	5.992
316.00	4.2910	399.87	241.06	5.542	456.00	6.1707	573.72	345.34	5.997
318.00	4.3178	402.36	242.55	5.550	458.00	6.1975	576.21	346.82	6.003
320.00	4.3447	404.84	244.04	5.557	460.00	6.2244	578.69	348.31	6.008
322.00	4.3716	407.33	245.53	5.565	462.00	6.2512	581.17	349.80	6.014
324.00	4.3985	409.81	247.02	5.573	464.00	6.2781	583.65	351.29	6.019
326.00	4.4253	412.30	248.51	5.581	466.00	6.3049	586.14	352.78	6.024
328.00	4.4522	414.78	250.00	5.588	468.00	6.3317	588.62	354.27	6.030
330.00	4.4791	417.27	251.49	5.596	470.00	6.3586	591.10	355.76	6.035
332.00	4.5059	419.75	252.98	5.603	472.00	6.3854	593.58	357.25	6.040
334.00	4.5328	422.24	254.47	5.611	474.00	6.4123	596.07	358.74	6.045
336.00	4.5597	424.72	255.96	5.618	476.00	6.4391	598.55	360.23	6.051
338.00	4.5865	427.20	257.45	5.625	478.00	6.4659	601.03	361.72	6.056
340.00	4.6134	429.69	258.94	5.633	480.00	6.4928	603.51	363.21	6.061
342.00	4.6402	432.17	260.43	5.640	482.00	6.5196	606.00	364.69	6.066
344.00	4.6671	434.66	261.92	5.647	484.00	6.5464	608.48	366.18	6.071
346.00	4.6940	437.14	263.41	5.655	486.00	6.5733	610.96	367.67	6.076
348.00	4.7208	439.63	264.90	5.662	488.00	6.6001	613.44	369.16	6.081
350.00	4.7477	442.11	266.39	5.669	490.00	6.6270	615.92	370.65	6.087
352.00	4.7746	444.59	267.88	5.676	492.00	6.6538	618.41	372.14	6.092
354.00	4.8014	447.08	269.37	5.683	494.00	6.6806	620.89	373.63	6.097
356.00	4.8283	449.56	270.86	5.690	496.00	6.7075	623.37	375.12	6.102
358.00	4.8551	452.05	272.35	5.697	498.00	6.7343	625.85	376.61	6.107
360.00	4.8820	454.53	273.84	5.704	500.00	6.7611	628.34	378.10	6.112
362.00	4.9088	457.01	275.33	5.711	502.00	6.7880	630.82	379.58	6.117
364.00	4.9357	459.50	276.82	5.718	504.00	6.8148	633.30	381.07	6.122
366.00	4.9626	461.98	278.31	5.724	506.00	6.8416	635.78	382.56	6.126
368.00	4.9894	464.47	279.80	5.731	508.00	6.8685	638.27	384.05	6.131
370.00	5.0163	466.95	281.29	5.738	510.00	6.8953	640.75	385.54	6.136
372.00	5.0431	469.43	282.78	5.745	512.00	6.9221	643.23	387.03	6.141
374.00	5.0700	471.92	284.27	5.751	514.00	6.9490	645.71	388.52	6.146
376.00	5.0968	474.40	285.76	5.758	516.00	6.9758	648.19	390.01	6.151
378.00	5.1237	476.88	287.25	5.764	518.00	7.0026	650.68	391.50	6.156
380.00	5.1505	479.37	288.74	5.771	520.00	7.0295	653.16	392.99	6.160
382.00	5.1774	481.85	290.23	5.777	522.00	7.0563	655.64	394.47	6.165
384.00	5.2043	484.33	291.72	5.784	524.00	7.0832	658.12	395.96	6.170
386.00	5.2311	486.82	293.21	5.790	526.00	7.1100	660.60	397.45	6.175
388.00	5.2580	489.30	294.70	5.797	528.00	7.1368	663.09	398.94	6.179
390.00	5.2848	491.78	296.19	5.803	530.00	7.1636	665.57	400.43	6.184
392.00	5.3117	494.27	297.68	5.810	532.00	7.1905	668.05	401.92	6.189
394.00	5.3385	496.75	299.16	5.816	534.00	7.2173	670.53	403.41	6.193
396.00	5.3654	499.23	300.65	5.822	536.00	7.2441	673.01	404.90	6.198
398.00	5.3922	501.72	302.14	5.828	538.00	7.2710	675.50	406.39	6.203
400.00	5.4191	504.20	303.63	5.835	540.00	7.2978	677.98	407.88	6.207

TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)	TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)
					122.00	1.5275	158.25	96.07	4.307
					124.00	1.5522	160.76	97.57	4.328
					126.00	1.5769	163.27	99.07	4.348
					128.00	1.6016	165.78	100.58	4.368
					130.00	1.6263	168.29	102.08	4.387
					132.00	1.6510	170.80	103.58	4.406
					134.00	1.6757	173.30	105.08	4.425
					136.00	1.7003	175.81	106.58	4.444
					138.00	1.7250	178.31	108.08	4.462
					140.00	1.7497	180.82	109.58	4.480
					142.00	1.7743	183.32	111.08	4.498
					144.00	1.7989	185.82	112.58	4.515
6.00	.0982	6.20	2.20	.518	146.00	1.8236	188.33	114.08	4.532
8.00	.1023	7.44	3.27	.687	148.00	1.8482	190.83	115.58	4.549
10.00	.1085	8.96	4.54	.861	150.00	1.8728	193.33	117.08	4.566
12.00	.1178	10.88	6.09	1.044	152.00	1.8974	195.83	118.58	4.583
14.00	.1317	13.29	7.93	1.229	154.00	1.9220	198.33	120.08	4.599
16.00	.1516	16.37	10.20	1.435	156.00	1.9466	200.83	121.58	4.615
18.00	.1774	19.82	12.60	1.637	158.00	1.9712	203.33	123.07	4.631
20.00	.2063	23.31	14.90	1.821	160.00	1.9958	205.83	124.57	4.647
22.00	.2362	26.68	17.06	1.982	162.00	2.0204	208.33	126.07	4.662
24.00	.2661	29.93	19.09	2.123	164.00	2.0450	210.82	127.57	4.678
26.00	.2955	33.05	21.02	2.248	166.00	2.0696	213.32	129.06	4.693
28.00	.3244	36.08	22.87	2.361	168.00	2.0942	215.82	130.56	4.708
30.00	.3529	39.03	24.66	2.463	170.00	2.1187	218.32	132.06	4.723
32.00	.3810	41.93	26.41	2.556	172.00	2.1433	220.81	133.55	4.737
34.00	.4088	44.77	28.13	2.642	174.00	2.1679	223.31	135.05	4.752
36.00	.4362	47.57	29.81	2.722	176.00	2.1924	225.80	136.55	4.766
38.00	.4634	50.34	31.47	2.797	178.00	2.2170	228.30	138.04	4.780
40.00	.4903	53.08	33.12	2.867	180.00	2.2415	230.80	139.54	4.794
42.00	.5171	55.80	34.74	2.934	182.00	2.2661	233.29	141.03	4.808
44.00	.5436	58.49	36.36	2.996	184.00	2.2906	235.78	142.53	4.821
46.00	.5700	61.17	37.96	3.056	186.00	2.3151	238.28	144.02	4.835
48.00	.5962	63.83	39.55	3.112	188.00	2.3397	240.77	145.52	4.848
50.00	.6224	66.47	41.14	3.166	190.00	2.3642	243.27	147.01	4.861
52.00	.6484	69.11	42.71	3.218	192.00	2.3887	245.76	148.51	4.874
54.00	.6743	71.73	44.28	3.268	194.00	2.4133	248.25	150.00	4.887
56.00	.7001	74.35	45.85	3.315	196.00	2.4378	250.75	151.50	4.900
58.00	.7258	76.95	47.40	3.361	198.00	2.4623	253.24	152.99	4.913
60.00	.7514	79.55	48.96	3.405	200.00	2.4868	255.73	154.49	4.925
62.00	.7770	82.14	50.51	3.447	202.00	2.5113	258.22	155.98	4.938
64.00	.8025	84.73	52.05	3.488	204.00	2.5359	260.72	157.47	4.950
66.00	.8280	87.30	53.60	3.528	206.00	2.5604	263.21	158.97	4.962
68.00	.8534	89.88	55.13	3.566	208.00	2.5849	265.70	160.46	4.974
70.00	.8787	92.45	56.67	3.604	210.00	2.6094	268.19	161.95	4.986
72.00	.9040	95.01	58.20	3.640	212.00	2.6339	270.68	163.45	4.998
74.00	.9293	97.57	59.74	3.675	214.00	2.6584	273.17	164.94	5.010
76.00	.9545	100.12	61.26	3.709	216.00	2.6829	275.66	166.44	5.021
78.00	.9797	102.68	62.79	3.742	218.00	2.7074	278.15	167.93	5.033
80.00	1.0048	105.22	64.32	3.774	220.00	2.7319	280.64	169.42	5.044
82.00	1.0299	107.77	65.84	3.806	222.00	2.7564	283.13	170.92	5.055
84.00	1.0550	110.31	67.36	3.836	224.00	2.7809	285.62	172.41	5.067
86.00	1.0800	112.85	68.88	3.866	226.00	2.8054	288.11	173.90	5.078
88.00	1.1050	115.39	70.40	3.895	228.00	2.8298	290.60	175.39	5.089
90.00	1.1300	117.92	71.92	3.924	230.00	2.8543	293.09	176.89	5.099
92.00	1.1550	120.46	73.43	3.952	232.00	2.8788	295.58	178.38	5.110
94.00	1.1800	122.99	74.95	3.979	234.00	2.9033	298.07	179.87	5.121
96.00	1.2049	125.52	76.46	4.006	236.00	2.9278	300.56	181.36	5.131
98.00	1.2298	128.04	77.97	4.032	238.00	2.9522	303.05	182.86	5.142
100.00	1.2547	130.57	79.49	4.057	240.00	2.9767	305.54	184.35	5.152
102.00	1.2796	133.09	81.00	4.082	242.00	3.0012	308.03	185.84	5.163
104.00	1.3044	135.61	82.51	4.107	244.00	3.0257	310.52	187.33	5.173
106.00	1.3293	138.13	84.02	4.131	246.00	3.0501	313.01	188.83	5.183
108.00	1.3541	140.65	85.53	4.154	248.00	3.0746	315.49	190.32	5.193
110.00	1.3789	143.17	87.03	4.177	250.00	3.0991	317.98	191.81	5.203
112.00	1.4037	145.69	88.54	4.200	252.00	3.1235	320.47	193.30	5.213
114.00	1.4285	148.20	90.05	4.222	254.00	3.1480	322.96	194.79	5.223
116.00	1.4532	150.72	91.55	4.244	256.00	3.1725	325.45	196.29	5.233
118.00	1.4780	153.23	93.06	4.266	258.00	3.1969	327.93	197.78	5.242
120.00	1.5027	155.74	94.56	4.287	260.00	3.2214	330.42	199.27	5.252

TEMPERATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)	TEMPERATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)
262.00	3.2459	332.91	200.76	5.261	402.00	4.9560	506.87	305.09	5.793
264.00	3.2703	335.40	202.25	5.271	404.00	4.9804	509.35	306.58	5.800
266.00	3.2948	337.88	203.74	5.280	406.00	5.0048	511.83	308.07	5.806
268.00	3.3192	340.37	205.24	5.290	408.00	5.0292	514.32	309.56	5.812
270.00	3.3437	342.86	206.73	5.299	410.00	5.0537	516.80	311.05	5.818
272.00	3.3681	345.35	208.22	5.308	412.00	5.0781	519.28	312.54	5.824
274.00	3.3926	347.83	209.71	5.317	414.00	5.1025	521.77	314.03	5.830
276.00	3.4170	350.32	211.20	5.326	416.00	5.1269	524.25	315.52	5.836
278.00	3.4415	352.81	212.69	5.335	418.00	5.1513	526.73	317.01	5.842
280.00	3.4660	355.29	214.18	5.344	420.00	5.1757	529.22	318.50	5.848
282.00	3.4904	357.78	215.68	5.353	422.00	5.2001	531.70	319.99	5.854
284.00	3.5148	360.27	217.17	5.362	424.00	5.2245	534.18	321.48	5.860
286.00	3.5393	362.75	218.66	5.370	426.00	5.2489	536.67	322.97	5.865
288.00	3.5637	365.24	220.15	5.379	428.00	5.2733	539.15	324.46	5.871
290.00	3.5882	367.73	221.64	5.388	430.00	5.2977	541.63	325.95	5.877
292.00	3.6126	370.21	223.13	5.396	432.00	5.3221	544.12	327.44	5.883
294.00	3.6371	372.70	224.62	5.405	434.00	5.3465	546.60	328.93	5.889
296.00	3.6615	375.18	226.11	5.413	436.00	5.3710	549.08	330.42	5.894
298.00	3.6860	377.67	227.60	5.422	438.00	5.3954	551.57	331.91	5.900
300.00	3.7104	380.16	229.10	5.430	440.00	5.4198	554.05	333.40	5.906
302.00	3.7348	382.64	230.59	5.438	442.00	5.4442	556.53	334.88	5.911
304.00	3.7593	385.13	232.08	5.446	444.00	5.4686	559.01	336.37	5.917
306.00	3.7837	387.61	233.57	5.455	446.00	5.4930	561.50	337.86	5.922
308.00	3.8082	390.10	235.06	5.463	448.00	5.5174	563.98	339.35	5.928
310.00	3.8326	392.58	236.55	5.471	450.00	5.5418	566.46	340.84	5.934
312.00	3.8570	395.07	238.04	5.479	452.00	5.5662	568.95	342.33	5.939
314.00	3.8815	397.56	239.53	5.487	454.00	5.5906	571.43	343.82	5.945
316.00	3.9059	400.04	241.02	5.494	456.00	5.6150	573.91	345.31	5.950
318.00	3.9303	402.53	242.51	5.502	458.00	5.6394	576.39	346.80	5.955
320.00	3.9548	405.01	244.00	5.510	460.00	5.6638	578.88	348.29	5.961
322.00	3.9792	407.50	245.49	5.518	462.00	5.6882	581.36	349.78	5.966
324.00	4.0036	409.98	246.98	5.526	464.00	5.7126	583.84	351.27	5.972
326.00	4.0281	412.47	248.47	5.533	466.00	5.7370	586.33	352.76	5.977
328.00	4.0525	414.95	249.96	5.541	468.00	5.7614	588.81	354.25	5.982
330.00	4.0769	417.44	251.45	5.548	470.00	5.7858	591.29	355.74	5.988
332.00	4.1013	419.92	252.95	5.556	472.00	5.8102	593.77	357.22	5.993
334.00	4.1258	422.41	254.44	5.563	474.00	5.8346	596.26	358.71	5.998
336.00	4.1502	424.89	255.93	5.571	476.00	5.8590	598.74	360.20	6.003
338.00	4.1746	427.38	257.42	5.578	478.00	5.8834	601.22	361.69	6.008
340.00	4.1991	429.86	258.91	5.585	480.00	5.9078	603.70	363.18	6.014
342.00	4.2235	432.35	260.40	5.593	482.00	5.9322	606.19	364.67	6.019
344.00	4.2479	434.83	261.89	5.600	484.00	5.9566	608.67	366.16	6.024
346.00	4.2723	437.32	263.38	5.607	486.00	5.9810	611.15	367.65	6.029
348.00	4.2967	439.80	264.87	5.614	488.00	6.0054	613.63	369.14	6.034
350.00	4.3212	442.28	266.36	5.621	490.00	6.0298	616.12	370.63	6.039
352.00	4.3456	444.77	267.85	5.629	492.00	6.0542	618.60	372.12	6.044
354.00	4.3700	447.25	269.34	5.636	494.00	6.0786	621.08	373.61	6.049
356.00	4.3944	449.74	270.83	5.643	496.00	6.1030	623.56	375.09	6.054
358.00	4.4189	452.22	272.32	5.650	498.00	6.1274	626.05	376.58	6.059
360.00	4.4433	454.71	273.81	5.656	500.00	6.1518	628.53	378.07	6.064
362.00	4.4677	457.19	275.30	5.663	502.00	6.1762	631.01	379.56	6.069
364.00	4.4921	459.67	276.79	5.670	504.00	6.2006	633.49	381.05	6.074
366.00	4.5165	462.16	278.28	5.677	506.00	6.2250	635.98	382.54	6.079
368.00	4.5410	464.64	279.77	5.684	508.00	6.2494	638.46	384.03	6.084
370.00	4.5654	467.13	281.26	5.690	510.00	6.2738	640.94	385.52	6.089
372.00	4.5898	469.61	282.75	5.697	512.00	6.2982	643.42	387.01	6.094
374.00	4.6142	472.09	284.24	5.704	514.00	6.3226	645.91	388.50	6.099
376.00	4.6386	474.58	285.73	5.710	516.00	6.3470	648.39	389.99	6.103
378.00	4.6630	477.06	287.22	5.717	518.00	6.3714	650.87	391.47	6.108
380.00	4.6875	479.55	288.71	5.724	520.00	6.3958	653.35	392.96	6.113
382.00	4.7119	482.03	290.20	5.730	522.00	6.4202	655.84	394.45	6.118
384.00	4.7363	484.51	291.69	5.737	524.00	6.4446	658.32	395.94	6.123
386.00	4.7607	487.00	293.18	5.743	526.00	6.4690	660.80	397.43	6.127
388.00	4.7851	489.48	294.67	5.749	528.00	6.4934	663.28	398.92	6.132
390.00	4.8095	491.97	296.16	5.756	530.00	6.5178	665.76	400.41	6.137
392.00	4.8339	494.45	297.65	5.762	532.00	6.5422	668.25	401.90	6.141
394.00	4.8584	496.93	299.14	5.769	534.00	6.5666	670.73	403.39	6.146
396.00	4.8828	499.42	300.63	5.775	536.00	6.5909	673.21	404.88	6.151
398.00	4.9072	501.90	302.12	5.781	538.00	6.6153	675.69	406.36	6.155
400.00	4.9316	504.38	303.60	5.787	540.00	6.6397	678.18	407.85	6.160

240.00 PSIA ISOBAR

TEMPERATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)	TEMPERATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)
					122.00	1.4037	158.33	95.98	4.264
					124.00	1.4264	160.84	97.48	4.284
					126.00	1.4491	163.35	98.99	4.304
					128.00	1.4718	165.86	100.49	4.324
					130.00	1.4944	168.37	102.00	4.343
					132.00	1.5171	170.88	103.50	4.363
					134.00	1.5397	173.39	105.00	4.381
					136.00	1.5624	175.89	106.50	4.400
					138.00	1.5850	178.40	108.01	4.418
					140.00	1.6076	180.91	109.51	4.436
					142.00	1.6302	183.41	111.01	4.454
					144.00	1.6528	185.92	112.51	4.472
6.00	.0973	6.52	2.20	.512	146.00	1.6754	188.42	114.01	4.489
8.00	.1012	7.74	3.25	.678	148.00	1.6980	190.93	115.51	4.506
10.00	.1069	9.22	4.47	.848	150.00	1.7206	193.43	117.01	4.523
12.00	.1152	11.07	5.96	1.025	152.00	1.7432	195.93	118.51	4.539
14.00	.1273	13.36	7.71	1.200	154.00	1.7657	198.43	120.01	4.556
16.00	.1444	16.29	9.88	1.395	156.00	1.7883	200.93	121.51	4.572
18.00	.1663	19.59	12.20	1.590	158.00	1.8109	203.43	123.01	4.588
20.00	.1916	23.01	14.50	1.770	160.00	1.8334	205.93	124.50	4.603
22.00	.2183	26.37	16.67	1.930	162.00	1.8560	208.43	126.00	4.619
24.00	.2453	29.62	18.72	2.071	164.00	1.8785	210.93	127.50	4.634
26.00	.2721	32.76	20.67	2.197	166.00	1.9011	213.43	129.00	4.649
28.00	.2986	35.81	22.55	2.310	168.00	1.9236	215.93	130.50	4.664
30.00	.3247	38.78	24.36	2.412	170.00	1.9462	218.43	131.99	4.679
32.00	.3506	41.69	26.12	2.506	172.00	1.9687	220.93	133.49	4.694
34.00	.3761	44.56	27.85	2.593	174.00	1.9912	223.42	134.99	4.708
36.00	.4013	47.38	29.55	2.674	176.00	2.0137	225.92	136.48	4.722
38.00	.4263	50.16	31.23	2.749	178.00	2.0363	228.42	137.98	4.737
40.00	.4511	52.92	32.88	2.820	180.00	2.0588	230.91	139.48	4.750
42.00	.4756	55.64	34.52	2.886	182.00	2.0813	233.41	140.97	4.764
44.00	.5001	58.35	36.14	2.949	184.00	2.1038	235.91	142.47	4.778
46.00	.5243	61.04	37.75	3.009	186.00	2.1263	238.40	143.96	4.791
48.00	.5485	63.71	39.35	3.066	188.00	2.1488	240.90	145.46	4.805
50.00	.5725	66.37	40.94	3.120	190.00	2.1713	243.39	146.96	4.818
52.00	.5964	69.02	42.53	3.172	192.00	2.1938	245.89	148.45	4.831
54.00	.6202	71.65	44.10	3.222	194.00	2.2163	248.38	149.95	4.844
56.00	.6439	74.27	45.67	3.269	196.00	2.2388	250.87	151.44	4.857
58.00	.6676	76.89	47.24	3.315	198.00	2.2613	253.37	152.94	4.869
60.00	.6912	79.49	48.80	3.360	200.00	2.2838	255.86	154.43	4.882
62.00	.7147	82.09	50.35	3.402	202.00	2.3063	258.35	155.92	4.894
64.00	.7381	84.68	51.90	3.443	204.00	2.3287	260.85	157.42	4.907
66.00	.7615	87.27	53.45	3.483	206.00	2.3512	263.34	158.91	4.919
68.00	.7848	89.85	54.99	3.522	208.00	2.3737	265.83	160.41	4.931
70.00	.8081	92.42	56.53	3.559	210.00	2.3962	268.33	161.90	4.943
72.00	.8314	94.99	58.07	3.595	212.00	2.4186	270.82	163.40	4.955
74.00	.8546	97.55	59.60	3.630	214.00	2.4411	273.31	164.89	4.966
76.00	.8777	100.12	61.13	3.664	216.00	2.4636	275.80	166.38	4.978
78.00	.9008	102.67	62.66	3.697	218.00	2.4860	278.29	167.88	4.989
80.00	.9239	105.23	64.19	3.730	220.00	2.5085	280.78	169.37	5.001
82.00	.9470	107.78	65.72	3.761	222.00	2.5310	283.27	170.87	5.012
84.00	.9700	110.32	67.24	3.792	224.00	2.5534	285.77	172.36	5.023
86.00	.9930	112.87	68.76	3.822	226.00	2.5759	288.26	173.85	5.034
88.00	1.0160	115.41	70.28	3.851	228.00	2.5983	290.75	175.35	5.045
90.00	1.0390	117.95	71.80	3.880	230.00	2.6208	293.24	176.84	5.056
92.00	1.0619	120.48	73.32	3.908	232.00	2.6432	295.73	178.33	5.067
94.00	1.0848	123.02	74.84	3.935	234.00	2.6657	298.22	179.82	5.078
96.00	1.1077	125.55	76.35	3.961	236.00	2.6881	300.71	181.32	5.088
98.00	1.1305	128.08	77.87	3.988	238.00	2.7106	303.20	182.81	5.099
100.00	1.1534	130.61	79.38	4.013	240.00	2.7330	305.69	184.30	5.109
102.00	1.1762	133.14	80.90	4.038	242.00	2.7555	308.18	185.80	5.119
104.00	1.1990	135.66	82.41	4.063	244.00	2.7779	310.67	187.29	5.130
106.00	1.2218	138.18	83.92	4.087	246.00	2.8003	313.15	188.78	5.140
108.00	1.2446	140.71	85.43	4.110	248.00	2.8228	315.64	190.27	5.150
110.00	1.2674	143.23	86.94	4.133	250.00	2.8452	318.13	191.77	5.160
112.00	1.2901	145.75	88.45	4.156	252.00	2.8677	320.62	193.26	5.170
114.00	1.3129	148.26	89.95	4.178	254.00	2.8901	323.11	194.75	5.180
116.00	1.3356	150.78	91.46	4.200	256.00	2.9125	325.60	196.24	5.189
118.00	1.3583	153.30	92.97	4.222	258.00	2.9350	328.09	197.73	5.199
120.00	1.3810	155.81	94.47	4.243	260.00	2.9574	330.58	199.23	5.209

TEMPERATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)	TEMPERATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)
262.00	2.9798	333.06	200.72	5.218	402.00	4.5478	507.05	305.07	5.750
264.00	3.0022	335.55	202.21	5.228	404.00	4.5701	509.53	306.56	5.756
266.00	3.0247	338.04	203.70	5.237	406.00	4.5925	512.02	308.05	5.763
268.00	3.0471	340.53	205.19	5.246	408.00	4.6149	514.50	309.54	5.769
270.00	3.0695	343.02	206.69	5.256	410.00	4.6373	516.98	311.02	5.775
272.00	3.0919	345.50	208.18	5.265	412.00	4.6597	519.47	312.51	5.781
274.00	3.1144	347.99	209.67	5.274	414.00	4.6820	521.95	314.00	5.787
276.00	3.1368	350.48	211.16	5.283	416.00	4.7044	524.44	315.49	5.793
278.00	3.1592	352.97	212.65	5.292	418.00	4.7268	526.92	316.98	5.799
280.00	3.1816	355.45	214.14	5.301	420.00	4.7492	529.40	318.47	5.805
282.00	3.2040	357.94	215.64	5.310	422.00	4.7715	531.89	319.96	5.811
284.00	3.2264	360.43	217.13	5.318	424.00	4.7939	534.37	321.45	5.816
286.00	3.2489	362.91	218.62	5.327	426.00	4.8163	536.85	322.94	5.822
288.00	3.2713	365.40	220.11	5.336	428.00	4.8387	539.34	324.43	5.828
290.00	3.2937	367.89	221.60	5.344	430.00	4.8611	541.82	325.92	5.834
292.00	3.3161	370.37	223.09	5.353	432.00	4.8834	544.30	327.41	5.840
294.00	3.3385	372.86	224.58	5.361	434.00	4.9058	546.79	328.90	5.845
296.00	3.3609	375.35	226.08	5.370	436.00	4.9282	549.27	330.39	5.851
298.00	3.3833	377.83	227.57	5.378	438.00	4.9506	551.75	331.88	5.857
300.00	3.4057	380.32	229.06	5.387	440.00	4.9729	554.24	333.37	5.862
302.00	3.4282	382.81	230.55	5.395	442.00	4.9953	556.72	334.86	5.868
304.00	3.4506	385.29	232.04	5.403	444.00	5.0177	559.20	336.35	5.874
306.00	3.4730	387.78	233.53	5.411	446.00	5.0400	561.69	337.84	5.879
308.00	3.4954	390.27	235.02	5.419	448.00	5.0624	564.17	339.33	5.885
310.00	3.5178	392.75	236.51	5.427	450.00	5.0848	566.65	340.82	5.890
312.00	3.5402	395.24	238.00	5.435	452.00	5.1072	569.14	342.31	5.896
314.00	3.5626	397.72	239.49	5.443	454.00	5.1295	571.62	343.80	5.901
316.00	3.5850	400.21	240.99	5.451	456.00	5.1519	574.10	345.28	5.907
318.00	3.6074	402.69	242.48	5.459	458.00	5.1743	576.58	346.77	5.912
320.00	3.6298	405.18	243.97	5.467	460.00	5.1967	579.07	348.26	5.918
322.00	3.6522	407.67	245.46	5.475	462.00	5.2190	581.55	349.75	5.923
324.00	3.6746	410.15	246.95	5.482	464.00	5.2414	584.03	351.24	5.928
326.00	3.6970	412.64	248.44	5.490	466.00	5.2638	586.52	352.73	5.934
328.00	3.7194	415.12	249.93	5.498	468.00	5.2861	589.00	354.22	5.939
330.00	3.7418	417.61	251.42	5.505	470.00	5.3085	591.48	355.71	5.944
332.00	3.7642	420.09	252.91	5.513	472.00	5.3309	593.96	357.20	5.950
334.00	3.7866	422.58	254.40	5.520	474.00	5.3532	596.45	358.69	5.955
336.00	3.8090	425.06	255.89	5.527	476.00	5.3756	598.93	360.18	5.960
338.00	3.8314	427.55	257.38	5.535	478.00	5.3980	601.41	361.67	5.965
340.00	3.8538	430.03	258.87	5.542	480.00	5.4204	603.90	363.16	5.970
342.00	3.8762	432.52	260.36	5.549	482.00	5.4427	606.38	364.65	5.976
344.00	3.8986	435.00	261.85	5.557	484.00	5.4651	608.86	366.14	5.981
346.00	3.9210	437.49	263.34	5.564	486.00	5.4875	611.34	367.62	5.986
348.00	3.9433	439.97	264.83	5.571	488.00	5.5098	613.83	369.11	5.991
350.00	3.9657	442.46	266.32	5.578	490.00	5.5322	616.31	370.60	5.996
352.00	3.9881	444.94	267.82	5.585	492.00	5.5546	618.79	372.09	6.001
354.00	4.0105	447.43	269.31	5.592	494.00	5.5769	621.28	373.58	6.006
356.00	4.0329	449.91	270.80	5.599	496.00	5.5993	623.76	375.07	6.011
358.00	4.0553	452.40	272.29	5.606	498.00	5.6217	626.24	376.56	6.016
360.00	4.0777	454.88	273.78	5.613	500.00	5.6440	628.72	378.05	6.021
362.00	4.1001	457.37	275.27	5.620	502.00	5.6664	631.21	379.54	6.026
364.00	4.1225	459.85	276.76	5.627	504.00	5.6888	633.69	381.03	6.031
366.00	4.1449	462.34	278.25	5.634	506.00	5.7111	636.17	382.52	6.036
368.00	4.1672	464.82	279.74	5.640	508.00	5.7335	638.65	384.01	6.041
370.00	4.1896	467.30	281.23	5.647	510.00	5.7559	641.14	385.50	6.046
372.00	4.2120	469.79	282.72	5.654	512.00	5.7782	643.62	386.98	6.051
374.00	4.2344	472.27	284.21	5.661	514.00	5.8006	646.10	388.47	6.055
376.00	4.2568	474.76	285.70	5.667	516.00	5.8230	648.58	389.96	6.060
378.00	4.2792	477.24	287.19	5.674	518.00	5.8453	651.07	391.45	6.065
380.00	4.3016	479.73	288.68	5.680	520.00	5.8677	653.55	392.94	6.070
382.00	4.3239	482.21	290.17	5.687	522.00	5.8901	656.03	394.43	6.075
384.00	4.3463	484.69	291.66	5.693	524.00	5.9124	658.51	395.92	6.079
386.00	4.3687	487.18	293.15	5.700	526.00	5.9348	661.00	397.41	6.084
388.00	4.3911	489.66	294.64	5.706	528.00	5.9572	663.48	398.90	6.089
390.00	4.4135	492.15	296.13	5.713	530.00	5.9795	665.96	400.39	6.093
392.00	4.4359	494.63	297.62	5.719	532.00	6.0019	668.44	401.88	6.098
394.00	4.4582	497.11	299.11	5.725	534.00	6.0242	670.93	403.36	6.103
396.00	4.4806	499.60	300.60	5.732	536.00	6.0466	673.41	404.85	6.107
398.00	4.5030	502.08	302.09	5.738	538.00	6.0690	675.89	406.34	6.112
400.00	4.5254	504.57	303.58	5.744	540.00	6.0913	678.37	407.83	6.117

260.00 PSIA ISOBAR

TEMPERATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (8TU/L8)	ENTROPY (8TU/L8-R)	TEMPERATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/L8)	ENTROPY (8TU/L8-R)
					122.00	1.2991	158.40	95.89	4.223
					124.00	1.3200	160.91	97.40	4.244
					126.00	1.3410	163.43	98.91	4.264
					128.00	1.3619	165.94	100.41	4.284
					130.00	1.3829	168.45	101.92	4.303
					132.00	1.4038	170.96	103.42	4.322
					134.00	1.4247	173.47	104.92	4.341
					136.00	1.4456	175.98	106.43	4.360
					138.00	1.4665	178.49	107.93	4.378
					140.00	1.4874	181.00	109.43	4.396
					142.00	1.5083	183.51	110.93	4.414
					144.00	1.5292	186.01	112.44	4.431
6.00	.0965	6.85	2.20	.506	146.00	1.5501	188.52	113.94	4.449
8.00	.1001	8.05	3.23	.669	148.00	1.5709	191.02	115.44	4.466
10.00	.1054	9.49	4.42	.836	150.00	1.5918	193.53	116.94	4.483
12.00	.1130	11.29	5.85	1.007	152.00	1.6127	196.03	118.44	4.499
14.00	.1238	13.48	7.52	1.175	154.00	1.6335	198.54	119.94	4.515
16.00	.1386	16.27	9.60	1.361	156.00	1.6544	201.04	121.44	4.532
18.00	.1575	19.45	11.87	1.548	158.00	1.6752	203.54	122.94	4.548
20.00	.1798	22.78	14.13	1.724	160.00	1.6960	206.04	124.44	4.563
22.00	.2036	26.10	16.30	1.882	162.00	1.7169	208.54	125.94	4.579
24.00	.2281	29.35	18.37	2.023	164.00	1.7377	211.04	127.43	4.594
26.00	.2527	32.50	20.34	2.150	166.00	1.7585	213.54	128.93	4.609
28.00	.2770	35.56	22.23	2.263	168.00	1.7793	216.04	130.43	4.624
30.00	.3012	38.55	24.06	2.366	170.00	1.8002	218.54	131.93	4.639
32.00	.3250	41.48	25.85	2.461	172.00	1.8210	221.04	133.43	4.654
34.00	.3486	44.36	27.59	2.548	174.00	1.8418	223.54	134.92	4.668
36.00	.3719	47.20	29.30	2.629	176.00	1.8626	226.04	136.42	4.682
38.00	.3950	50.00	30.99	2.705	178.00	1.8834	228.54	137.92	4.697
40.00	.4180	52.76	32.65	2.776	180.00	1.9042	231.04	139.42	4.710
42.00	.4407	55.51	34.30	2.843	182.00	1.9250	233.53	140.91	4.724
44.00	.4633	58.23	35.93	2.906	184.00	1.9458	236.03	142.41	4.738
46.00	.4858	60.93	37.55	2.966	186.00	1.9665	238.53	143.91	4.751
48.00	.5082	63.61	39.16	3.023	188.00	1.9873	241.02	145.40	4.765
50.00	.5304	66.28	40.76	3.078	190.00	2.0081	243.52	146.90	4.778
52.00	.5525	68.93	42.35	3.130	192.00	2.0289	246.01	148.39	4.791
54.00	.5746	71.57	43.93	3.179	194.00	2.0497	248.51	149.89	4.804
56.00	.5965	74.21	45.50	3.227	196.00	2.0704	251.00	151.38	4.817
58.00	.6184	76.83	47.07	3.273	198.00	2.0912	253.50	152.88	4.829
60.00	.6402	79.44	48.64	3.318	200.00	2.1120	255.99	154.38	4.842
62.00	.6620	82.05	50.19	3.360	202.00	2.1327	258.49	155.87	4.854
64.00	.6837	84.64	51.75	3.402	204.00	2.1535	260.98	157.37	4.867
66.00	.7053	87.23	53.30	3.441	206.00	2.1742	263.47	158.86	4.879
68.00	.7269	89.82	54.85	3.480	208.00	2.1950	265.97	160.36	4.891
70.00	.7485	92.40	56.39	3.517	210.00	2.2158	268.46	161.85	4.903
72.00	.7699	94.98	57.93	3.554	212.00	2.2365	270.95	163.34	4.915
74.00	.7914	97.55	59.47	3.589	214.00	2.2573	273.45	164.84	4.926
76.00	.8128	100.11	61.00	3.623	216.00	2.2780	275.94	166.33	4.938
78.00	.8342	102.67	62.53	3.656	218.00	2.2987	278.43	167.83	4.949
80.00	.8556	105.23	64.07	3.689	220.00	2.3195	280.92	169.32	4.961
82.00	.8769	107.79	65.59	3.720	222.00	2.3402	283.42	170.82	4.972
84.00	.8982	110.34	67.12	3.751	224.00	2.3610	285.91	172.31	4.983
86.00	.9195	112.89	68.65	3.781	226.00	2.3817	288.40	173.80	4.994
88.00	.9407	115.43	70.17	3.810	228.00	2.4024	290.89	175.30	5.005
90.00	.9619	117.97	71.69	3.839	230.00	2.4232	293.38	176.79	5.016
92.00	.9831	120.51	73.21	3.867	232.00	2.4439	295.87	178.28	5.027
94.00	1.0043	123.05	74.73	3.894	234.00	2.4646	298.36	179.78	5.038
96.00	1.0254	125.59	76.25	3.921	236.00	2.4854	300.85	181.27	5.048
98.00	1.0466	128.12	77.76	3.947	238.00	2.5061	303.34	182.76	5.059
100.00	1.0677	130.65	79.28	3.972	240.00	2.5268	305.83	184.26	5.069
102.00	1.0888	133.18	80.79	3.998	242.00	2.5475	308.32	185.75	5.079
104.00	1.1099	135.71	82.31	4.022	244.00	2.5683	310.81	187.24	5.090
106.00	1.1310	138.24	83.82	4.046	246.00	2.5890	313.30	188.74	5.100
108.00	1.1520	140.76	85.33	4.070	248.00	2.6097	315.79	190.23	5.110
110.00	1.1731	143.29	86.84	4.093	250.00	2.6304	318.28	191.72	5.120
112.00	1.1941	145.81	88.35	4.116	252.00	2.6511	320.77	193.21	5.130
114.00	1.2151	148.33	89.86	4.138	254.00	2.6718	323.26	194.71	5.140
116.00	1.2361	150.85	91.37	4.160	256.00	2.6926	325.75	196.20	5.149
118.00	1.2571	153.37	92.88	4.181	258.00	2.7133	328.24	197.69	5.159
120.00	1.2781	155.88	94.39	4.202	260.00	2.7340	330.73	199.18	5.169

TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)	TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)
262.00	2.7547	333.22	200.68	5.178	402.00	4.2023	507.23	305.04	5.710
264.00	2.7754	335.71	202.17	5.188	404.00	4.2230	509.72	306.53	5.717
266.00	2.7961	338.20	203.66	5.197	406.00	4.2436	512.20	308.02	5.723
268.00	2.8168	340.68	205.15	5.206	408.00	4.2643	514.68	309.51	5.729
270.00	2.8375	343.17	206.65	5.216	410.00	4.2850	517.17	311.00	5.735
272.00	2.8582	345.66	208.14	5.225	412.00	4.3056	519.65	312.49	5.741
274.00	2.8789	348.15	209.63	5.234	414.00	4.3263	522.14	313.98	5.747
276.00	2.8996	350.64	211.12	5.243	416.00	4.3469	524.62	315.47	5.753
278.00	2.9203	353.12	212.61	5.252	418.00	4.3676	527.10	316.96	5.759
280.00	2.9410	355.61	214.10	5.261	420.00	4.3883	529.59	318.45	5.765
282.00	2.9617	358.10	215.60	5.270	422.00	4.4089	532.07	319.94	5.771
284.00	2.9824	360.59	217.09	5.279	424.00	4.4296	534.55	321.43	5.777
286.00	3.0031	363.07	218.58	5.287	426.00	4.4502	537.04	322.92	5.782
288.00	3.0238	365.56	220.07	5.296	428.00	4.4709	539.52	324.41	5.788
290.00	3.0445	368.05	221.56	5.305	430.00	4.4916	542.01	325.89	5.794
292.00	3.0652	370.54	223.05	5.313	432.00	4.5122	544.49	327.38	5.800
294.00	3.0859	373.02	224.55	5.322	434.00	4.5329	546.97	328.87	5.806
296.00	3.1066	375.51	226.04	5.330	436.00	4.5535	549.46	330.36	5.811
298.00	3.1273	378.00	227.53	5.338	438.00	4.5742	551.94	331.85	5.817
300.00	3.1480	380.48	229.02	5.347	440.00	4.5948	554.42	333.34	5.823
302.00	3.1687	382.97	230.51	5.355	442.00	4.6155	556.91	334.83	5.828
304.00	3.1893	385.46	232.00	5.363	444.00	4.6361	559.39	336.32	5.834
306.00	3.2100	387.94	233.49	5.371	446.00	4.6568	561.87	337.81	5.839
308.00	3.2307	390.43	234.99	5.379	448.00	4.6775	564.36	339.30	5.845
310.00	3.2514	392.92	236.48	5.388	450.00	4.6981	566.84	340.79	5.851
312.00	3.2721	395.40	237.97	5.396	452.00	4.7188	569.32	342.28	5.856
314.00	3.2928	397.89	239.46	5.403	454.00	4.7394	571.81	343.77	5.862
316.00	3.3135	400.38	240.95	5.411	456.00	4.7601	574.29	345.26	5.867
318.00	3.3341	402.86	242.44	5.419	458.00	4.7807	576.77	346.75	5.872
320.00	3.3548	405.35	243.93	5.427	460.00	4.8014	579.26	348.24	5.878
322.00	3.3755	407.84	245.42	5.435	462.00	4.8220	581.74	349.73	5.883
324.00	3.3962	410.32	246.91	5.442	464.00	4.8427	584.22	351.22	5.889
326.00	3.4169	412.81	248.40	5.450	466.00	4.8633	586.71	352.71	5.894
328.00	3.4375	415.29	249.90	5.458	468.00	4.8840	589.19	354.20	5.899
330.00	3.4582	417.78	251.39	5.465	470.00	4.9046	591.67	355.69	5.905
332.00	3.4789	420.26	252.88	5.473	472.00	4.9253	594.16	357.18	5.910
334.00	3.4996	422.75	254.37	5.480	474.00	4.9459	596.64	358.66	5.915
336.00	3.5203	425.24	255.86	5.488	476.00	4.9666	599.12	360.15	5.920
338.00	3.5409	427.72	257.35	5.495	478.00	4.9872	601.60	361.64	5.925
340.00	3.5616	430.21	258.84	5.502	480.00	5.0079	604.09	363.13	5.931
342.00	3.5823	432.69	260.33	5.510	482.00	5.0285	606.57	364.62	5.936
344.00	3.6030	435.18	261.82	5.517	484.00	5.0492	609.05	366.11	5.941
346.00	3.6236	437.66	263.31	5.524	486.00	5.0698	611.54	367.60	5.946
348.00	3.6443	440.15	264.80	5.531	488.00	5.0905	614.02	369.09	5.951
350.00	3.6650	442.63	266.29	5.538	490.00	5.1111	616.50	370.58	5.956
352.00	3.6857	445.12	267.78	5.545	492.00	5.1318	618.99	372.07	5.961
354.00	3.7063	447.60	269.27	5.552	494.00	5.1524	621.47	373.56	5.966
356.00	3.7270	450.09	270.76	5.559	496.00	5.1731	623.95	375.05	5.971
358.00	3.7477	452.57	272.25	5.566	498.00	5.1937	626.43	376.54	5.976
360.00	3.7683	455.06	273.74	5.573	500.00	5.2144	628.92	378.03	5.981
362.00	3.7890	457.54	275.23	5.580	502.00	5.2350	631.40	379.52	5.986
364.00	3.8097	460.03	276.73	5.587	504.00	5.2557	633.88	381.01	5.991
366.00	3.8304	462.51	278.22	5.594	506.00	5.2763	636.36	382.49	5.996
368.00	3.8510	465.00	279.71	5.601	508.00	5.2970	638.85	383.98	6.001
370.00	3.8717	467.48	281.20	5.607	510.00	5.3176	641.33	385.47	6.006
372.00	3.8924	469.97	282.69	5.614	512.00	5.3383	643.81	386.96	6.011
374.00	3.9130	472.45	284.18	5.621	514.00	5.3589	646.30	388.45	6.016
376.00	3.9337	474.94	285.67	5.627	516.00	5.3796	648.78	389.94	6.020
378.00	3.9544	477.42	287.16	5.634	518.00	5.4002	651.26	391.43	6.025
380.00	3.9750	479.91	288.65	5.641	520.00	5.4209	653.74	392.92	6.030
382.00	3.9957	482.39	290.14	5.647	522.00	5.4415	656.23	394.41	6.035
384.00	4.0164	484.87	291.63	5.654	524.00	5.4621	658.71	395.90	6.040
386.00	4.0370	487.36	293.12	5.660	526.00	5.4828	661.19	397.39	6.044
388.00	4.0577	489.84	294.61	5.666	528.00	5.5034	663.67	398.88	6.049
390.00	4.0783	492.33	296.10	5.673	530.00	5.5241	666.16	400.36	6.054
392.00	4.0990	494.81	297.59	5.679	532.00	5.5447	668.64	401.85	6.058
394.00	4.1197	497.30	299.08	5.685	534.00	5.5654	671.12	403.34	6.063
396.00	4.1403	499.78	300.57	5.692	536.00	5.5860	673.60	404.83	6.068
398.00	4.1610	502.26	302.06	5.698	538.00	5.6067	676.09	406.32	6.072
400.00	4.1817	504.75	303.55	5.704	540.00	5.6273	678.57	407.81	6.077

TEMPERATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB-R)	ENTROPY (BTU/L8)	TEMPERATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB-R)	ENTROPY (BTU/L8)
122.00		1.2094	158.47	95.81	4.186				
124.00		1.2288	160.99	97.32	4.206				
126.00		1.2483	163.51	98.82	4.226				
128.00		1.2678	166.02	100.33	4.246				
130.00		1.2872	168.54	101.84	4.266				
132.00		1.3067	171.05	103.34	4.285				
134.00		1.3261	173.56	104.85	4.304				
136.00		1.3456	176.07	106.35	4.322				
138.00		1.3650	178.58	107.85	4.341				
140.00		1.3844	181.09	109.36	4.359				
		142.00	1.4038	183.60	110.86	4.377			
		144.00	1.4232	186.11	112.36	4.394			
6.00	.0957	7.17	2.21	.501	146.00	1.4426	188.62	113.86	4.411
8.00	.0992	8.35	3.22	.662	148.00	1.4620	191.12	115.37	4.428
10.00	.1041	9.77	4.38	.824	150.00	1.4814	193.63	116.87	4.445
12.00	.1111	11.51	5.75	.991	152.00	1.5008	196.13	118.37	4.462
14.00	.1207	13.62	7.37	1.153	154.00	1.5202	198.64	119.87	4.478
16.00	.1338	16.30	9.37	1.332	156.00	1.5395	201.14	121.37	4.494
18.00	.1504	19.36	11.57	1.512	158.00	1.5589	203.65	122.87	4.510
20.00	.1701	22.61	13.80	1.683	160.00	1.5783	206.15	124.37	4.526
22.00	.1915	25.89	15.97	1.839	162.00	1.5976	208.65	125.87	4.542
24.00	.2138	29.12	18.04	1.980	164.00	1.6170	211.16	127.37	4.557
26.00	.2364	32.27	20.03	2.106	166.00	1.6363	213.66	128.87	4.572
28.00	.2589	35.35	21.93	2.220	168.00	1.6557	216.16	130.37	4.587
30.00	.2812	38.35	23.78	2.324	170.00	1.6750	218.66	131.87	4.602
32.00	.3033	41.29	25.58	2.419	172.00	1.6943	221.16	133.36	4.617
34.00	.3252	44.18	27.33	2.506	174.00	1.7137	223.66	134.86	4.631
36.00	.3469	47.03	29.06	2.588	176.00	1.7330	226.16	136.36	4.645
38.00	.3684	49.85	30.76	2.664	178.00	1.7523	228.66	137.86	4.659
40.00	.3898	52.63	32.43	2.735	180.00	1.7717	231.16	139.36	4.673
42.00	.4110	55.38	34.09	2.802	182.00	1.7910	233.65	140.85	4.687
44.00	.4320	58.11	35.73	2.866	184.00	1.8103	236.15	142.35	4.701
46.00	.4529	60.82	37.35	2.926	186.00	1.8296	238.65	143.85	4.714
48.00	.4737	63.52	38.97	2.983	188.00	1.8489	241.15	145.34	4.728
50.00	.4944	66.19	40.57	3.038	190.00	1.8682	243.64	146.84	4.741
52.00	.5150	68.86	42.17	3.090	192.00	1.8875	246.14	148.34	4.754
54.00	.5355	71.51	43.76	3.140	194.00	1.9068	248.64	149.83	4.767
56.00	.5560	74.15	45.34	3.188	196.00	1.9261	251.13	151.33	4.780
58.00	.5764	76.77	46.91	3.234	198.00	1.9454	253.63	152.83	4.792
60.00	.5967	79.39	48.48	3.279	200.00	1.9647	256.12	154.32	4.805
62.00	.6169	82.01	50.04	3.322	202.00	1.9840	258.62	155.82	4.817
64.00	.6371	84.61	51.60	3.363	204.00	2.0033	261.11	157.31	4.830
66.00	.6572	87.21	53.15	3.403	206.00	2.0226	263.61	158.81	4.842
68.00	.6773	89.80	54.70	3.442	208.00	2.0418	266.10	160.30	4.854
70.00	.6974	92.39	56.25	3.479	210.00	2.0611	268.60	161.80	4.866
72.00	.7174	94.97	57.79	3.515	212.00	2.0804	271.09	163.29	4.878
74.00	.7373	97.54	59.34	3.551	214.00	2.0997	273.58	164.79	4.889
76.00	.7573	100.11	60.87	3.585	216.00	2.1189	276.08	166.28	4.901
78.00	.7771	102.68	62.41	3.618	218.00	2.1382	278.57	167.78	4.912
80.00	.7970	105.24	63.94	3.651	220.00	2.1575	281.06	169.27	4.924
82.00	.8168	107.80	65.47	3.682	222.00	2.1767	283.56	170.77	4.935
84.00	.8366	110.35	67.00	3.713	224.00	2.1960	286.05	172.26	4.946
86.00	.8564	112.91	68.53	3.743	226.00	2.2153	288.54	173.75	4.957
88.00	.8762	115.46	70.06	3.772	228.00	2.2345	291.03	175.25	4.968
90.00	.8959	118.00	71.58	3.801	230.00	2.2538	293.53	176.74	4.979
92.00	.9156	120.55	73.10	3.829	232.00	2.2731	296.02	178.24	4.990
94.00	.9353	123.09	74.62	3.856	234.00	2.2923	298.51	179.73	5.001
96.00	.9550	125.63	76.14	3.883	236.00	2.3116	301.00	181.22	5.011
98.00	.9746	128.16	77.66	3.909	238.00	2.3308	303.49	182.72	5.022
100.00	.9943	130.70	79.18	3.935	240.00	2.3501	305.98	184.21	5.032
102.00	1.0139	133.23	80.70	3.960	242.00	2.3693	308.47	185.70	5.043
104.00	1.0335	135.76	82.21	3.984	244.00	2.3886	310.96	187.20	5.053
106.00	1.0531	138.29	83.73	4.009	246.00	2.4078	313.45	188.69	5.063
108.00	1.0727	140.82	85.24	4.032	248.00	2.4271	315.94	190.18	5.073
110.00	1.0922	143.35	86.75	4.055	250.00	2.4463	318.43	191.68	5.083
112.00	1.1118	145.87	88.26	4.078	252.00	2.4655	320.92	193.17	5.093
114.00	1.1313	148.39	89.77	4.100	254.00	2.4848	323.41	194.66	5.103
116.00	1.1508	150.92	91.28	4.122	256.00	2.5040	325.90	196.16	5.113
118.00	1.1704	153.44	92.79	4.144	258.00	2.5233	328.39	197.65	5.122
120.00	1.1899	155.96	94.30	4.165	260.00	2.5425	330.88	199.14	5.132

TEMPERATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (8TU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (8TU/LB-R)	TEMPERATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (8TU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (8TU/LB-R)
262.00	2.5617	333.37	200.63	5.141	402.00	3.9062	507.42	305.01	5.674
264.00	2.5810	335.86	202.13	5.151	404.00	3.9254	509.90	306.50	5.680
266.00	2.6002	338.35	203.62	5.160	406.00	3.9446	512.38	307.99	5.686
268.00	2.6194	340.84	205.11	5.170	408.00	3.9638	514.87	309.48	5.692
270.00	2.6387	343.33	206.60	5.179	410.00	3.9830	517.35	310.97	5.698
272.00	2.6579	345.82	208.10	5.188	412.00	4.0022	519.84	312.46	5.704
274.00	2.6771	348.31	209.59	5.197	414.00	4.0214	522.32	313.95	5.710
276.00	2.6964	350.80	211.08	5.206	416.00	4.0405	524.80	315.44	5.716
278.00	2.7156	353.28	212.57	5.215	418.00	4.0597	527.29	316.93	5.722
280.00	2.7348	355.77	214.06	5.224	420.00	4.0789	529.77	318.42	5.728
282.00	2.7540	358.26	215.56	5.233	422.00	4.0981	532.26	319.91	5.734
284.00	2.7733	360.75	217.05	5.242	424.00	4.1173	534.74	321.40	5.740
286.00	2.7925	363.24	218.54	5.250	426.00	4.1365	537.22	322.89	5.746
288.00	2.8117	365.72	220.03	5.259	428.00	4.1556	539.71	324.38	5.751
290.00	2.8309	368.21	221.52	5.268	430.00	4.1748	542.19	325.87	5.757
292.00	2.8501	370.70	223.02	5.276	432.00	4.1940	544.68	327.36	5.763
294.00	2.8694	373.19	224.51	5.285	434.00	4.2132	547.16	328.85	5.769
296.00	2.8886	375.67	226.00	5.293	436.00	4.2324	549.64	330.34	5.774
298.00	2.9078	378.16	227.49	5.302	438.00	4.2516	552.13	331.83	5.780
300.00	2.9270	380.65	228.98	5.310	440.00	4.2707	554.61	333.32	5.786
302.00	2.9462	383.14	230.47	5.318	442.00	4.2899	557.09	334.81	5.791
304.00	2.9654	385.62	231.97	5.326	444.00	4.3091	559.58	336.30	5.797
306.00	2.9847	388.11	233.46	5.334	446.00	4.3283	562.06	337.79	5.803
308.00	3.0039	390.60	234.95	5.343	448.00	4.3475	564.55	339.28	5.808
310.00	3.0231	393.09	236.44	5.351	450.00	4.3667	567.03	340.77	5.814
312.00	3.0423	395.57	237.93	5.359	452.00	4.3858	569.51	342.26	5.819
314.00	3.0615	398.06	239.42	5.367	454.00	4.4050	572.00	343.74	5.825
316.00	3.0807	400.55	240.91	5.374	456.00	4.4242	574.48	345.23	5.830
318.00	3.0999	403.03	242.41	5.382	458.00	4.4434	576.96	346.72	5.836
320.00	3.1191	405.52	243.90	5.390	460.00	4.4626	579.45	348.21	5.841
322.00	3.1383	408.00	245.39	5.398	462.00	4.4817	581.93	349.70	5.846
324.00	3.1576	410.49	246.88	5.406	464.00	4.5009	584.41	351.19	5.852
326.00	3.1768	412.98	248.37	5.413	466.00	4.5201	586.90	352.68	5.857
328.00	3.1960	415.46	249.86	5.421	468.00	4.5393	589.38	354.17	5.862
330.00	3.2152	417.95	251.35	5.428	470.00	4.5585	591.86	355.66	5.868
332.00	3.2344	420.44	252.84	5.436	472.00	4.5776	594.35	357.15	5.873
334.00	3.2536	422.92	254.33	5.443	474.00	4.5968	596.83	358.64	5.878
336.00	3.2728	425.41	255.82	5.451	476.00	4.6160	599.31	360.13	5.883
338.00	3.2920	427.89	257.32	5.458	478.00	4.6352	601.80	361.62	5.889
340.00	3.3112	430.38	258.81	5.465	480.00	4.6543	604.28	363.11	5.894
342.00	3.3304	432.87	260.30	5.473	482.00	4.6735	606.76	364.60	5.899
344.00	3.3496	435.35	261.79	5.480	484.00	4.6927	609.25	366.09	5.904
346.00	3.3688	437.84	263.28	5.487	486.00	4.7119	611.73	367.58	5.909
348.00	3.3880	440.32	264.77	5.494	488.00	4.7310	614.21	369.07	5.914
350.00	3.4072	442.81	266.26	5.502	490.00	4.7502	616.70	370.56	5.919
352.00	3.4264	445.29	267.75	5.509	492.00	4.7694	619.18	372.05	5.924
354.00	3.4456	447.78	269.24	5.516	494.00	4.7886	621.66	373.54	5.930
356.00	3.4648	450.26	270.73	5.523	496.00	4.8078	624.14	375.02	5.935
358.00	3.4840	452.75	272.22	5.530	498.00	4.8269	626.63	376.51	5.940
360.00	3.5032	455.24	273.71	5.537	500.00	4.8461	629.11	378.00	5.945
362.00	3.5224	457.72	275.20	5.543	502.00	4.8653	631.59	379.49	5.949
364.00	3.5416	460.21	276.69	5.550	504.00	4.8845	634.08	380.98	5.954
366.00	3.5608	462.69	278.18	5.557	506.00	4.9036	636.56	382.47	5.959
368.00	3.5800	465.18	279.68	5.564	508.00	4.9228	639.04	383.96	5.964
370.00	3.5992	467.66	281.17	5.571	510.00	4.9420	641.52	385.45	5.969
372.00	3.6184	470.15	282.66	5.577	512.00	4.9612	644.01	386.94	5.974
374.00	3.6376	472.63	284.15	5.584	514.00	4.9803	646.49	388.43	5.979
376.00	3.6568	475.12	285.64	5.591	516.00	4.9995	648.97	389.92	5.984
378.00	3.6759	477.60	287.13	5.597	518.00	5.0187	651.46	391.41	5.988
380.00	3.6951	480.09	288.62	5.604	520.00	5.0378	653.94	392.90	5.993
382.00	3.7143	482.57	290.11	5.610	522.00	5.0570	656.42	394.39	5.998
384.00	3.7335	485.05	291.60	5.617	524.00	5.0762	658.90	395.88	6.003
386.00	3.7527	487.54	293.09	5.623	526.00	5.0954	661.39	397.36	6.007
388.00	3.7719	490.02	294.58	5.630	528.00	5.1145	663.87	398.85	6.012
390.00	3.7911	492.51	296.07	5.636	530.00	5.1337	666.35	400.34	6.017
392.00	3.8103	494.99	297.56	5.642	532.00	5.1529	668.84	401.83	6.022
394.00	3.8295	497.48	299.05	5.649	534.00	5.1721	671.32	403.32	6.026
396.00	3.8487	499.96	300.54	5.655	536.00	5.1912	673.80	404.81	6.031
398.00	3.8679	502.45	302.03	5.661	538.00	5.2104	676.28	406.30	6.035
400.00	3.8870	504.93	303.52	5.667	540.00	5.2296	678.77	407.79	6.040

TEMPERATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB-R)	ENTROPY (8TU/LB)	TEMPERATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB-R)	ENTROPY (8TU/LB-R)
122.00		1.1316	158.55	95.73	4.151				
124.00		1.1498	161.07	97.23	4.171				
126.00		1.1680	163.59	98.74	4.192				
128.00		1.1862	166.10	100.25	4.211				
130.00		1.2044	168.62	101.76	4.231				
132.00		1.2226	171.14	103.26	4.250				
134.00		1.2407	173.65	104.77	4.269				
136.00		1.2589	176.16	106.27	4.288				
138.00		1.2770	178.67	107.78	4.306				
140.00		1.2952	181.19	109.28	4.324				
					142.00	1.3133	183.70	110.79	4.342
					144.00	1.3314	186.21	112.29	4.359
6.00	.0950	7.49	2.22	.495	146.00	1.3495	188.72	113.79	4.377
8.00	.0982	8.66	3.21	.654	148.00	1.3676	191.22	115.30	4.394
10.00	.1029	10.05	4.34	.814	150.00	1.3858	193.73	116.80	4.411
12.00	.1093	11.74	5.67	.977	152.00	1.4039	196.24	118.30	4.427
14.00	.1181	13.79	7.23	1.133	154.00	1.4220	198.74	119.80	4.444
16.00	.1298	16.38	9.17	1.306	156.00	1.4400	201.25	121.30	4.460
18.00	.1446	19.33	11.31	1.480	158.00	1.4581	203.76	122.80	4.476
20.00	.1621	22.50	13.50	1.647	160.00	1.4762	206.26	124.30	4.491
22.00	.1814	25.73	15.66	1.801	162.00	1.4943	208.76	125.81	4.507
24.00	.2018	28.93	17.73	1.940	164.00	1.5124	211.27	127.31	4.522
26.00	.2225	32.08	19.73	2.066	166.00	1.5304	213.77	128.81	4.538
28.00	.2433	35.16	21.65	2.180	168.00	1.5485	216.27	130.30	4.553
30.00	.2641	38.17	23.51	2.284	170.00	1.5666	218.78	131.80	4.567
32.00	.2847	41.12	25.32	2.379	172.00	1.5846	221.28	133.30	4.582
34.00	.3051	44.02	27.09	2.467	174.00	1.6027	223.78	134.80	4.596
36.00	.3254	46.89	28.82	2.549	176.00	1.6207	226.28	136.30	4.611
38.00	.3455	49.71	30.53	2.625	178.00	1.6388	228.78	137.80	4.625
40.00	.3654	52.50	32.21	2.697	180.00	1.6568	231.28	139.30	4.639
42.00	.3852	55.27	33.88	2.764	182.00	1.6749	233.78	140.79	4.653
44.00	.4049	58.01	35.53	2.828	184.00	1.6929	236.28	142.29	4.666
46.00	.4245	60.73	37.16	2.889	186.00	1.7109	238.78	143.79	4.680
48.00	.4440	63.43	38.78	2.946	188.00	1.7290	241.27	145.29	4.693
50.00	.4633	66.12	40.39	3.001	190.00	1.7470	243.77	146.78	4.706
52.00	.4826	68.79	41.99	3.053	192.00	1.7650	246.27	148.28	4.719
54.00	.5018	71.45	43.59	3.104	194.00	1.7830	248.77	149.78	4.732
56.00	.5209	74.09	45.17	3.152	196.00	1.8010	251.26	151.27	4.745
58.00	.5400	76.73	46.75	3.198	198.00	1.8191	253.76	152.77	4.758
60.00	.5590	79.36	48.32	3.242	200.00	1.8371	256.26	154.27	4.770
62.00	.5779	81.97	49.89	3.285	202.00	1.8551	258.75	155.76	4.783
64.00	.5968	84.58	51.45	3.327	204.00	1.8731	261.25	157.26	4.795
66.00	.6156	87.19	53.01	3.367	206.00	1.8911	263.74	158.76	4.807
68.00	.6344	89.78	54.57	3.406	208.00	1.9091	266.24	160.25	4.819
70.00	.6531	92.38	56.12	3.443	210.00	1.9271	268.73	161.75	4.831
72.00	.6718	94.96	57.66	3.480	212.00	1.9451	271.23	163.24	4.843
74.00	.6905	97.54	59.21	3.515	214.00	1.9631	273.72	164.74	4.855
76.00	.7091	100.12	60.75	3.549	216.00	1.9811	276.22	166.23	4.866
78.00	.7277	102.69	62.29	3.583	218.00	1.9991	278.71	167.73	4.878
80.00	.7463	105.25	63.82	3.615	220.00	2.0171	281.20	169.22	4.889
82.00	.7648	107.82	65.36	3.647	222.00	2.0351	283.70	170.72	4.901
84.00	.7833	110.38	66.89	3.678	224.00	2.0531	286.19	172.21	4.912
86.00	.8018	112.93	68.42	3.708	226.00	2.0710	288.68	173.71	4.923
88.00	.8203	115.49	69.94	3.737	228.00	2.0890	291.18	175.20	4.934
90.00	.8387	118.04	71.47	3.766	230.00	2.1070	293.67	176.69	4.945
92.00	.8572	120.58	73.00	3.794	232.00	2.1250	296.16	178.19	4.956
94.00	.8756	123.13	74.52	3.821	234.00	2.1430	298.65	179.68	4.966
96.00	.8940	125.67	76.04	3.848	236.00	2.1609	301.15	181.18	4.977
98.00	.9123	128.21	77.56	3.874	238.00	2.1789	303.64	182.67	4.987
100.00	.9307	130.75	79.08	3.900	240.00	2.1969	306.13	184.17	4.998
102.00	.9490	133.28	80.60	3.925	242.00	2.2149	308.62	185.66	5.008
104.00	.9673	135.82	82.11	3.949	244.00	2.2328	311.11	187.15	5.018
106.00	.9856	138.35	83.63	3.974	246.00	2.2508	313.60	188.65	5.029
108.00	1.0039	140.88	85.15	3.997	248.00	2.2688	316.10	190.14	5.039
110.00	1.0222	143.41	86.66	4.020	250.00	2.2867	318.59	191.63	5.049
112.00	1.0405	145.94	88.17	4.043	252.00	2.3047	321.08	193.13	5.059
114.00	1.0587	148.46	89.68	4.065	254.00	2.3227	323.57	194.62	5.068
116.00	1.0770	150.99	91.20	4.087	256.00	2.3406	326.06	196.11	5.078
118.00	1.0952	153.51	92.71	4.109	258.00	2.3586	328.55	197.61	5.088
120.00	1.1134	156.03	94.22	4.130	260.00	2.3766	331.04	199.10	5.097

TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)	TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)
262.00	2.3945	333.53	200.59	5.107	402.00	3.6496	507.60	304.98	5.639
264.00	2.4125	336.02	202.08	5.116	404.00	3.6675	510.08	306.47	5.645
266.00	2.4304	338.51	203.58	5.126	406.00	3.6854	512.57	307.96	5.652
268.00	2.4484	341.00	205.07	5.135	408.00	3.7034	515.05	309.45	5.658
270.00	2.4663	343.49	206.56	5.144	410.00	3.7213	517.54	310.94	5.664
272.00	2.4843	345.98	208.06	5.154	412.00	3.7392	520.02	312.43	5.670
274.00	2.5022	348.47	209.55	5.163	414.00	3.7571	522.50	313.92	5.676
276.00	2.5202	350.95	211.04	5.172	416.00	3.7750	524.99	315.41	5.682
278.00	2.5381	353.44	212.53	5.181	418.00	3.7929	527.47	316.90	5.688
280.00	2.5561	355.93	214.03	5.190	420.00	3.8108	529.96	318.39	5.694
282.00	2.5740	358.42	215.52	5.199	422.00	3.8287	532.44	319.88	5.700
284.00	2.5920	360.91	217.01	5.207	424.00	3.8466	534.93	321.37	5.705
286.00	2.6099	363.40	218.50	5.216	426.00	3.8645	537.41	322.86	5.711
288.00	2.6279	365.89	219.99	5.225	428.00	3.8824	539.89	324.35	5.717
290.00	2.6458	368.37	221.49	5.233	430.00	3.9003	542.38	325.84	5.723
292.00	2.6638	370.86	222.98	5.242	432.00	3.9183	544.86	327.33	5.729
294.00	2.6817	373.35	224.47	5.250	434.00	3.9362	547.35	328.82	5.734
296.00	2.6996	375.84	225.96	5.259	436.00	3.9541	549.83	330.31	5.740
298.00	2.7176	378.33	227.45	5.267	438.00	3.9720	552.31	331.80	5.746
300.00	2.7355	380.81	228.95	5.276	440.00	3.9899	554.80	333.29	5.752
302.00	2.7535	383.30	230.44	5.284	442.00	4.0078	557.28	334.78	5.757
304.00	2.7714	385.79	231.93	5.292	444.00	4.0257	559.77	336.27	5.763
306.00	2.7893	388.28	233.42	5.300	446.00	4.0436	562.25	337.76	5.768
308.00	2.8073	390.76	234.91	5.308	448.00	4.0615	564.73	339.25	5.774
310.00	2.8252	393.25	236.40	5.316	450.00	4.0794	567.22	340.74	5.779
312.00	2.8431	395.74	237.90	5.324	452.00	4.0973	569.70	342.23	5.785
314.00	2.8611	398.23	239.39	5.332	454.00	4.1152	572.19	343.72	5.790
316.00	2.8790	400.71	240.88	5.340	456.00	4.1331	574.67	345.21	5.796
318.00	2.8969	403.20	242.37	5.348	458.00	4.1510	577.15	346.70	5.801
320.00	2.9149	405.69	243.86	5.356	460.00	4.1689	579.64	348.19	5.807
322.00	2.9328	408.17	245.35	5.364	462.00	4.1868	582.12	349.68	5.812
324.00	2.9507	410.66	246.84	5.371	464.00	4.2047	584.60	351.17	5.817
326.00	2.9687	413.15	248.34	5.379	466.00	4.2226	587.09	352.66	5.823
328.00	2.9866	415.63	249.83	5.386	468.00	4.2405	589.57	354.15	5.828
330.00	3.0045	418.12	251.32	5.394	470.00	4.2584	592.05	355.64	5.833
332.00	3.0225	420.61	252.81	5.402	472.00	4.2763	594.54	357.13	5.839
334.00	3.0404	423.09	254.30	5.409	474.00	4.2942	597.02	358.62	5.844
336.00	3.0583	425.58	255.79	5.416	476.00	4.3121	599.50	360.11	5.849
338.00	3.0762	428.07	257.28	5.424	478.00	4.3300	601.99	361.60	5.854
340.00	3.0942	430.55	258.77	5.431	480.00	4.3479	604.47	363.09	5.860
342.00	3.1121	433.04	260.26	5.438	482.00	4.3658	606.95	364.57	5.865
344.00	3.1300	435.53	261.76	5.446	484.00	4.3837	609.44	366.06	5.870
346.00	3.1479	438.01	263.25	5.453	486.00	4.4016	611.92	367.55	5.875
348.00	3.1659	440.50	264.74	5.460	488.00	4.4195	614.40	369.04	5.880
350.00	3.1838	442.98	266.23	5.467	490.00	4.4374	616.89	370.53	5.885
352.00	3.2017	445.47	267.72	5.474	492.00	4.4553	619.37	372.02	5.890
354.00	3.2196	447.95	269.21	5.481	494.00	4.4732	621.85	373.51	5.895
356.00	3.2375	450.44	270.70	5.488	496.00	4.4911	624.34	375.00	5.900
358.00	3.2555	452.93	272.19	5.495	498.00	4.5090	626.82	376.49	5.905
360.00	3.2734	455.41	273.68	5.502	500.00	4.5269	629.30	377.98	5.910
362.00	3.2913	457.90	275.17	5.509	502.00	4.5448	631.79	379.47	5.915
364.00	3.3092	460.38	276.66	5.516	504.00	4.5627	634.27	380.96	5.920
366.00	3.3271	462.87	278.15	5.523	506.00	4.5806	636.75	382.45	5.925
368.00	3.3451	465.35	279.64	5.530	508.00	4.5985	639.24	383.94	5.930
370.00	3.3630	467.84	281.13	5.536	510.00	4.6164	641.72	385.43	5.935
372.00	3.3809	470.32	282.63	5.543	512.00	4.6343	644.20	386.92	5.940
374.00	3.3988	472.81	284.12	5.550	514.00	4.6522	646.69	388.41	5.945
376.00	3.4167	475.29	285.61	5.556	516.00	4.6701	649.17	389.90	5.949
378.00	3.4347	477.78	287.10	5.563	518.00	4.6880	651.65	391.39	5.954
380.00	3.4526	480.26	288.59	5.569	520.00	4.7059	654.13	392.87	5.959
382.00	3.4705	482.75	290.08	5.576	522.00	4.7238	656.62	394.36	5.964
384.00	3.4884	485.23	291.57	5.582	524.00	4.7417	659.10	395.85	5.968
386.00	3.5063	487.72	293.06	5.589	526.00	4.7596	661.58	397.34	5.973
388.00	3.5242	490.20	294.55	5.595	528.00	4.7775	664.07	398.83	5.978
390.00	3.5421	492.69	296.04	5.602	530.00	4.7954	666.55	400.32	5.983
392.00	3.5601	495.17	297.53	5.608	532.00	4.8133	669.03	401.81	5.987
394.00	3.5780	497.66	299.02	5.614	534.00	4.8312	671.51	403.30	5.992
396.00	3.5959	500.14	300.51	5.621	536.00	4.8491	674.00	404.79	5.997
398.00	3.6138	502.63	302.00	5.627	538.00	4.8670	676.48	406.28	6.001
400.00	3.6317	505.11	303.49	5.633	540.00	4.8849	678.96	407.77	6.006

350.00 PSIA ISOBAR

TEMPERATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB-R)	ENTROPY (BTU/LB)	TEMPERATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)
122.00		.9762	158.75	95.52	4.073				
124.00		.9919	161.27	97.03	4.094				
126.00		1.0075	163.80	98.54	4.114				
128.00		1.0231	166.32	100.05	4.134				
130.00		1.0387	168.84	101.56	4.153				
132.00		1.0543	171.36	103.07	4.172				
134.00		1.0699	173.88	104.58	4.191				
136.00		1.0855	176.40	106.09	4.210				
138.00		1.1011	178.91	107.59	4.228				
140.00		1.1167	181.43	109.10	4.246				
6.00	.0933	8.29	2.25	.484	142.00	1.1323	183.94	110.61	4.264
8.00	.0962	9.43	3.20	.638	144.00	1.1478	186.46	112.11	4.282
10.00	.1002	10.75	4.26	.791	146.00	1.1634	188.97	113.62	4.299
12.00	.1056	12.36	5.51	.945	148.00	1.1789	191.48	115.12	4.316
14.00	.1128	14.26	6.96	1.091	150.00	1.1945	193.99	116.63	4.333
16.00	.1220	16.68	8.77	1.252	152.00	1.2100	196.50	118.13	4.350
18.00	.1335	19.43	10.79	1.414	154.00	1.2256	199.01	119.63	4.366
20.00	.1470	22.41	12.88	1.571	156.00	1.2411	201.52	121.14	4.382
					158.00	1.2566	204.03	122.64	4.398
					160.00	1.2721	206.54	124.14	4.414
22.00	.1623	25.50	14.99	1.718	162.00	1.2877	209.05	125.64	4.430
24.00	.1787	28.62	17.05	1.854	164.00	1.3032	211.55	127.15	4.445
26.00	.1957	31.73	19.05	1.978	166.00	1.3187	214.06	128.65	4.460
28.00	.2131	34.79	20.99	2.092	168.00	1.3342	216.56	130.15	4.475
30.00	.2306	37.81	22.87	2.196	170.00	1.3497	219.07	131.65	4.490
32.00	.2481	40.77	24.71	2.292	172.00	1.3652	221.57	133.15	4.505
34.00	.2655	43.70	26.50	2.380	174.00	1.3807	224.08	134.65	4.519
36.00	.2828	46.58	28.26	2.463	176.00	1.3962	226.58	136.15	4.533
38.00	.3001	49.43	29.99	2.540	178.00	1.4117	229.08	137.65	4.548
40.00	.3172	52.24	31.70	2.612	180.00	1.4272	231.59	139.15	4.562
42.00	.3342	55.03	33.38	2.680	182.00	1.4426	234.09	140.65	4.575
44.00	.3511	57.79	35.05	2.744	184.00	1.4581	236.59	142.15	4.589
46.00	.3680	60.53	36.70	2.805	186.00	1.4736	239.09	143.65	4.603
48.00	.3847	63.25	38.33	2.863	188.00	1.4891	241.59	145.15	4.616
50.00	.4014	65.96	39.96	2.918	190.00	1.5045	244.09	146.64	4.629
52.00	.4180	68.65	41.57	2.971	192.00	1.5200	246.59	148.14	4.642
54.00	.4345	71.32	43.18	3.021	194.00	1.5355	249.09	149.64	4.655
56.00	.4510	73.99	44.78	3.070	196.00	1.5509	251.59	151.14	4.668
58.00	.4674	76.64	46.37	3.116	198.00	1.5664	254.09	152.64	4.681
60.00	.4838	79.28	47.95	3.161	200.00	1.5818	256.59	154.13	4.693
62.00	.5001	81.91	49.53	3.204	202.00	1.5973	259.09	155.63	4.706
64.00	.5163	84.54	51.10	3.246	204.00	1.6128	261.59	157.13	4.718
66.00	.5325	87.16	52.67	3.286	206.00	1.6282	264.08	158.63	4.730
68.00	.5487	89.77	54.23	3.325	208.00	1.6436	266.58	160.12	4.742
70.00	.5648	92.37	55.79	3.363	210.00	1.6591	269.08	161.62	4.754
72.00	.5809	94.97	57.34	3.400	212.00	1.6745	271.58	163.12	4.766
74.00	.5970	97.56	58.89	3.435	214.00	1.6900	274.07	164.61	4.778
76.00	.6130	100.14	60.44	3.469	216.00	1.7054	276.57	166.11	4.789
78.00	.6290	102.73	61.98	3.503	218.00	1.7209	279.06	167.60	4.801
80.00	.6450	105.30	63.53	3.536	220.00	1.7363	281.56	169.10	4.812
82.00	.6609	107.88	65.07	3.567	222.00	1.7517	284.06	170.60	4.824
84.00	.6769	110.44	66.60	3.598	224.00	1.7672	286.55	172.09	4.835
86.00	.6928	113.01	68.14	3.629	226.00	1.7826	289.05	173.59	4.846
88.00	.7087	115.57	69.67	3.658	228.00	1.7980	291.54	175.08	4.857
90.00	.7245	118.13	71.20	3.687	230.00	1.8134	294.03	176.58	4.868
92.00	.7404	120.69	72.73	3.715	232.00	1.8289	296.53	178.07	4.879
94.00	.7562	123.24	74.26	3.742	234.00	1.8443	299.02	179.57	4.889
96.00	.7720	125.79	75.79	3.769	236.00	1.8597	301.52	181.06	4.900
98.00	.7878	128.34	77.31	3.795	238.00	1.8751	304.01	182.56	4.910
100.00	.8036	130.88	78.84	3.821	240.00	1.8905	306.50	184.05	4.921
102.00	.8193	133.42	80.36	3.846	242.00	1.9060	309.00	185.55	4.931
104.00	.8351	135.96	81.88	3.871	244.00	1.9214	311.49	187.04	4.941
106.00	.8508	138.50	83.40	3.895	246.00	1.9368	313.98	188.54	4.952
108.00	.8665	141.04	84.92	3.919	248.00	1.9522	316.47	190.03	4.962
110.00	.8822	143.58	86.43	3.942	250.00	1.9676	318.97	191.52	4.972
112.00	.8979	146.11	87.95	3.965	252.00	1.9830	321.46	193.02	4.982
114.00	.9136	148.64	89.47	3.987	254.00	1.9984	323.95	194.51	4.991
116.00	.9293	151.17	90.98	4.009	256.00	2.0138	326.44	196.01	5.001
118.00	.9449	153.70	92.49	4.031	258.00	2.0293	328.94	197.50	5.011
120.00	.9606	156.22	94.01	4.052	260.00	2.0447	331.43	198.99	5.021

350.00 PSIA ISOBAR

TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB-R)	ENTROPY (BTU/LB-R)	TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB-R)	ENTROPY (BTU/LB)
262.00	2.0601	333.92	200.49	5.030	402.00	3.1364	508.06	304.91	5.563
264.00	2.0755	336.41	201.98	5.040	404.00	3.1517	510.54	306.40	5.569
266.00	2.0909	338.90	203.47	5.049	406.00	3.1671	513.03	307.89	5.575
268.00	2.1063	341.39	204.97	5.058	408.00	3.1825	515.51	309.38	5.581
270.00	2.1217	343.88	206.46	5.068	410.00	3.1978	518.00	310.87	5.587
272.00	2.1371	346.37	207.95	5.077	412.00	3.2132	520.48	312.36	5.593
274.00	2.1525	348.86	209.45	5.086	414.00	3.2285	522.97	313.85	5.599
276.00	2.1679	351.35	210.94	5.095	416.00	3.2439	525.45	315.34	5.605
278.00	2.1833	353.84	212.43	5.104	418.00	3.2592	527.94	316.83	5.611
280.00	2.1986	356.33	213.93	5.113	420.00	3.2746	530.42	318.32	5.617
282.00	2.2140	358.82	215.42	5.122	422.00	3.2900	532.91	319.81	5.623
284.00	2.2294	361.31	216.91	5.131	424.00	3.3053	535.39	321.31	5.629
286.00	2.2448	363.80	218.41	5.139	426.00	3.3207	537.88	322.80	5.635
288.00	2.2602	366.29	219.90	5.148	428.00	3.3360	540.36	324.29	5.641
290.00	2.2756	368.78	221.39	5.157	430.00	3.3514	542.84	325.78	5.646
292.00	2.2910	371.27	222.88	5.165	432.00	3.3667	545.33	327.27	5.652
294.00	2.3064	373.76	224.38	5.174	434.00	3.3821	547.81	328.76	5.658
296.00	2.3218	376.25	225.87	5.182	436.00	3.3974	550.30	330.25	5.664
298.00	2.3372	378.74	227.36	5.190	438.00	3.4128	552.78	331.74	5.669
300.00	2.3525	381.23	228.85	5.199	440.00	3.4281	555.27	333.23	5.675
302.00	2.3679	383.72	230.35	5.207	442.00	3.4435	557.75	334.72	5.681
304.00	2.3833	386.21	231.84	5.215	444.00	3.4588	560.24	336.21	5.686
306.00	2.3987	388.69	233.33	5.223	446.00	3.4742	562.72	337.70	5.692
308.00	2.4141	391.18	234.82	5.231	448.00	3.4895	565.21	339.19	5.697
310.00	2.4295	393.67	236.31	5.240	450.00	3.5049	567.69	340.68	5.703
312.00	2.4448	396.16	237.81	5.248	452.00	3.5202	570.17	342.17	5.708
314.00	2.4602	398.65	239.30	5.255	454.00	3.5356	572.66	343.66	5.714
316.00	2.4756	401.14	240.79	5.263	456.00	3.5509	575.14	345.15	5.719
318.00	2.4910	403.62	242.28	5.271	458.00	3.5663	577.63	346.64	5.725
320.00	2.5064	406.11	243.77	5.279	460.00	3.5816	580.11	348.13	5.730
322.00	2.5217	408.60	245.27	5.287	462.00	3.5970	582.59	349.62	5.735
324.00	2.5371	411.09	246.76	5.294	464.00	3.6123	585.08	351.11	5.741
326.00	2.5525	413.58	248.25	5.302	466.00	3.6277	587.56	352.60	5.746
328.00	2.5679	416.06	249.74	5.310	468.00	3.6430	590.05	354.09	5.752
330.00	2.5832	418.55	251.23	5.317	470.00	3.6584	592.53	355.58	5.757
332.00	2.5986	421.04	252.73	5.325	472.00	3.6737	595.01	357.07	5.762
334.00	2.6140	423.53	254.22	5.332	474.00	3.6891	597.50	358.56	5.767
336.00	2.6294	426.01	255.71	5.340	476.00	3.7044	599.98	360.05	5.773
338.00	2.6447	428.50	257.20	5.347	478.00	3.7198	602.47	361.54	5.778
340.00	2.6601	430.99	258.69	5.354	480.00	3.7351	604.95	363.03	5.783
342.00	2.6755	433.47	260.18	5.362	482.00	3.7505	607.43	364.52	5.788
344.00	2.6908	435.96	261.67	5.369	484.00	3.7658	609.92	366.01	5.793
346.00	2.7062	438.45	263.17	5.376	486.00	3.7812	612.40	367.50	5.798
348.00	2.7216	440.93	264.66	5.383	488.00	3.7965	614.89	368.99	5.803
350.00	2.7370	443.42	266.15	5.390	490.00	3.8119	617.37	370.48	5.809
352.00	2.7523	445.91	267.64	5.398	492.00	3.8272	619.85	371.96	5.814
354.00	2.7677	448.39	269.13	5.405	494.00	3.8425	622.34	373.45	5.819
356.00	2.7831	450.88	270.62	5.412	496.00	3.8579	624.82	374.94	5.824
358.00	2.7984	453.37	272.11	5.419	498.00	3.8732	627.30	376.43	5.829
360.00	2.8138	455.85	273.60	5.426	500.00	3.8886	629.79	377.92	5.834
362.00	2.8292	458.34	275.10	5.432	502.00	3.9039	632.27	379.41	5.839
364.00	2.8445	460.83	276.59	5.439	504.00	3.9193	634.75	380.90	5.844
366.00	2.8599	463.31	278.08	5.446	506.00	3.9346	637.24	382.39	5.848
368.00	2.8753	465.80	279.57	5.453	508.00	3.9500	639.72	383.88	5.853
370.00	2.8906	468.29	281.06	5.460	510.00	3.9653	642.21	385.37	5.858
372.00	2.9060	470.77	282.55	5.466	512.00	3.9806	644.69	386.86	5.863
374.00	2.9213	473.26	284.04	5.473	514.00	3.9960	647.17	388.35	5.868
376.00	2.9367	475.74	285.53	5.480	516.00	4.0113	649.66	389.84	5.873
378.00	2.9521	478.23	287.02	5.486	518.00	4.0267	652.14	391.33	5.878
380.00	2.9674	480.71	288.51	5.493	520.00	4.0420	654.62	392.82	5.882
382.00	2.9828	483.20	290.00	5.499	522.00	4.0574	657.11	394.31	5.887
384.00	2.9982	485.69	291.50	5.506	524.00	4.0727	659.59	395.80	5.892
386.00	3.0135	488.17	292.99	5.512	526.00	4.0880	662.07	397.29	5.897
388.00	3.0289	490.66	294.48	5.519	528.00	4.1034	664.56	398.78	5.901
390.00	3.0442	493.14	295.97	5.525	530.00	4.1187	667.04	400.27	5.906
392.00	3.0596	495.63	297.46	5.531	532.00	4.1341	669.52	401.76	5.911
394.00	3.0750	498.11	298.95	5.538	534.00	4.1494	672.01	403.25	5.915
396.00	3.0903	500.60	300.44	5.544	536.00	4.1648	674.49	404.74	5.920
398.00	3.1057	503.08	301.93	5.550	538.00	4.1801	676.97	406.23	5.925
400.00	3.1210	505.57	303.42	5.556	540.00	4.1954	679.45	407.71	5.929

400.00 PSIA ISOBAR

TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/L8)	INTERNAL ENERGY (BTU/L8)	ENTROPY (BTU/L8-R)	TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/L8)	INTERNAL ENERGY (BTU/L8)	ENTROPY (BTU/L8-R)
									—
					122.00	.8598	158.96	95.32	4.005
					124.00	.8735	161.49	96.83	4.026
					126.00	.8872	164.02	98.35	4.046
					128.00	.9009	166.54	99.86	4.066
					130.00	.9145	169.07	101.37	4.086
					132.00	.9282	171.59	102.88	4.105
					134.00	.9419	174.12	104.39	4.124
					136.00	.9556	176.64	105.90	4.142
					138.00	.9692	179.16	107.41	4.161
					140.00	.9829	181.68	108.92	4.179
					142.00	.9965	184.20	110.43	4.197
					144.00	1.0102	186.71	111.94	4.214
6.00	.0918	9.08	2.29	.473	146.00	1.0238	189.23	113.44	4.232
8.00	.0944	10.19	3.20	.623	148.00	1.0374	191.75	114.95	4.249
10.00	.0980	11.47	4.22	.771	150.00	1.0511	194.26	116.46	4.266
12.00	.1027	13.00	5.40	.918	152.00	1.0647	196.77	117.96	4.282
14.00	.1087	14.81	6.76	1.057	154.00	1.0783	199.29	119.47	4.299
16.00	.1164	17.09	8.47	1.209	156.00	1.0919	201.80	120.97	4.315
18.00	.1257	19.69	10.39	1.362	158.00	1.1055	204.31	122.48	4.331
20.00	.1366	22.51	12.40	1.511	160.00	1.1191	206.82	123.98	4.347
22.00	.1489	25.47	14.45	1.652	162.00	1.1327	209.33	125.49	4.362
24.00	.1624	28.50	16.48	1.783	164.00	1.1463	211.84	126.99	4.378
26.00	.1766	31.54	18.47	1.905	166.00	1.1599	214.35	128.49	4.393
28.00	.1913	34.57	20.41	2.017	168.00	1.1735	216.86	130.00	4.408
30.00	.2063	37.57	22.30	2.121	170.00	1.1871	219.37	131.50	4.423
32.00	.2213	40.54	24.15	2.217	172.00	1.2007	221.88	133.00	4.438
34.00	.2364	43.47	25.97	2.305	174.00	1.2142	224.38	134.50	4.452
36.00	.2515	46.36	27.74	2.388	176.00	1.2278	226.89	136.00	4.466
38.00	.2665	49.22	29.49	2.465	178.00	1.2414	229.40	137.51	4.481
40.00	.2815	52.05	31.21	2.538	180.00	1.2549	231.90	139.01	4.495
42.00	.2964	54.85	32.91	2.606	182.00	1.2685	234.41	140.51	4.508
44.00	.3112	57.63	34.59	2.671	184.00	1.2821	236.91	142.01	4.522
46.00	.3260	60.39	36.26	2.732	186.00	1.2956	239.41	143.51	4.536
48.00	.3407	63.13	37.91	2.791	188.00	1.3092	241.92	145.01	4.549
50.00	.3553	65.85	39.55	2.846	190.00	1.3227	244.42	146.51	4.562
52.00	.3699	68.55	41.17	2.899	192.00	1.3363	246.92	148.01	4.575
54.00	.3844	71.24	42.79	2.950	194.00	1.3498	249.42	149.51	4.588
56.00	.3988	73.92	44.40	2.999	196.00	1.3634	251.93	151.01	4.601
58.00	.4132	76.59	46.00	3.045	198.00	1.3769	254.43	152.50	4.614
60.00	.4276	79.24	47.59	3.090	200.00	1.3904	256.93	154.00	4.626
62.00	.4419	81.89	49.18	3.134	202.00	1.4040	259.43	155.50	4.639
64.00	.4562	84.53	50.76	3.176	204.00	1.4175	261.93	157.00	4.651
66.00	.4704	87.15	52.33	3.216	206.00	1.4310	264.43	158.50	4.663
68.00	.4846	89.78	53.90	3.255	208.00	1.4446	266.93	160.00	4.675
70.00	.4988	92.39	55.47	3.293	210.00	1.4581	269.43	161.49	4.687
72.00	.5129	95.00	57.03	3.330	212.00	1.4716	271.93	162.99	4.699
74.00	.5270	97.60	58.59	3.365	214.00	1.4852	274.42	164.49	4.711
76.00	.5411	100.20	60.14	3.400	216.00	1.4987	276.92	165.99	4.723
78.00	.5551	102.79	61.69	3.434	218.00	1.5122	279.42	167.48	4.734
80.00	.5692	105.37	63.24	3.467	220.00	1.5257	281.92	168.98	4.746
82.00	.5832	107.95	64.79	3.498	222.00	1.5392	284.41	170.48	4.757
84.00	.5971	110.53	66.33	3.529	224.00	1.5527	286.91	171.97	4.768
86.00	.6111	113.11	67.87	3.560	226.00	1.5663	289.41	173.47	4.779
88.00	.6250	115.68	69.41	3.589	228.00	1.5798	291.90	174.97	4.790
90.00	.6390	118.24	70.94	3.618	230.00	1.5933	294.40	176.46	4.801
92.00	.6529	120.81	72.48	3.646	232.00	1.6068	296.90	177.96	4.812
94.00	.6667	123.37	74.01	3.674	234.00	1.6203	299.39	179.45	4.823
96.00	.6806	125.92	75.54	3.701	236.00	1.6338	301.89	180.95	4.833
98.00	.6945	128.48	77.07	3.727	238.00	1.6473	304.38	182.45	4.844
100.00	.7083	131.03	78.60	3.753	240.00	1.6608	306.88	183.94	4.854
102.00	.7221	133.58	80.12	3.778	242.00	1.6743	309.37	185.44	4.864
104.00	.7359	136.13	81.65	3.803	244.00	1.6878	311.87	186.93	4.875
106.00	.7497	138.67	83.17	3.827	246.00	1.7013	314.36	188.43	4.885
108.00	.7635	141.21	84.69	3.851	248.00	1.7148	316.86	189.92	4.895
110.00	.7773	143.75	86.21	3.874	250.00	1.7283	319.35	191.42	4.905
112.00	.7911	146.29	87.73	3.897	252.00	1.7418	321.84	192.91	4.915
114.00	.8048	148.83	89.25	3.919	254.00	1.7553	324.34	194.41	4.925
116.00	.8186	151.36	90.77	3.941	256.00	1.7688	326.83	195.90	4.935
118.00	.8323	153.90	92.29	3.963	258.00	1.7823	329.32	197.40	4.944
120.00	.8460	156.43	93.80	3.984	260.00	1.7957	331.82	198.89	4.954

TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)	TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)
262.00	1.8092	334.31	200.38	4.963	402.00	2.7515	508.51	304.84	5.496
264.00	1.8227	336.80	201.88	4.973	404.00	2.7649	511.00	306.33	5.502
266.00	1.8362	339.29	203.37	4.982	406.00	2.7784	513.49	307.82	5.509
268.00	1.8497	341.79	204.87	4.992	408.00	2.7918	515.97	309.31	5.515
270.00	1.8632	344.28	206.36	5.001	410.00	2.8052	518.46	310.80	5.521
272.00	1.8767	346.77	207.86	5.010	412.00	2.8187	520.94	312.30	5.527
274.00	1.8901	349.26	209.35	5.019	414.00	2.8321	523.43	313.79	5.533
276.00	1.9036	351.75	210.84	5.028	416.00	2.8456	525.91	315.28	5.539
278.00	1.9171	354.25	212.34	5.037	418.00	2.8590	528.40	316.77	5.545
280.00	1.9306	356.74	213.83	5.046	420.00	2.8724	530.88	318.26	5.551
282.00	1.9441	359.23	215.32	5.055	422.00	2.8859	533.37	319.75	5.557
284.00	1.9575	361.72	216.82	5.064	424.00	2.8993	535.86	321.24	5.562
286.00	1.9710	364.21	218.31	5.073	426.00	2.9128	538.34	322.73	5.568
288.00	1.9845	366.70	219.80	5.081	428.00	2.9262	540.83	324.22	5.574
290.00	1.9980	369.19	221.30	5.090	430.00	2.9396	543.31	325.71	5.580
292.00	2.0114	371.68	222.79	5.099	432.00	2.9531	545.80	327.20	5.586
294.00	2.0249	374.17	224.28	5.107	434.00	2.9665	548.28	328.69	5.591
296.00	2.0384	376.66	225.78	5.115	436.00	2.9799	550.77	330.18	5.597
298.00	2.0518	379.15	227.27	5.124	438.00	2.9934	553.25	331.67	5.603
300.00	2.0653	381.64	228.76	5.132	440.00	3.0068	555.74	333.16	5.608
302.00	2.0788	384.13	230.26	5.140	442.00	3.0203	558.22	334.65	5.614
304.00	2.0922	386.62	231.75	5.149	444.00	3.0337	560.71	336.14	5.620
306.00	2.1057	389.11	233.24	5.157	446.00	3.0471	563.19	337.63	5.625
308.00	2.1192	391.60	234.73	5.165	448.00	3.0606	565.68	339.12	5.631
310.00	2.1326	394.09	236.23	5.173	450.00	3.0740	568.16	340.61	5.636
312.00	2.1461	396.58	237.72	5.181	452.00	3.0874	570.65	342.11	5.642
314.00	2.1596	399.07	239.21	5.189	454.00	3.1009	573.13	343.60	5.647
316.00	2.1730	401.56	240.70	5.197	456.00	3.1143	575.62	345.09	5.653
318.00	2.1865	404.05	242.20	5.205	458.00	3.1277	578.10	346.58	5.658
320.00	2.2000	406.54	243.69	5.213	460.00	3.1412	580.59	348.07	5.664
322.00	2.2134	409.03	245.18	5.220	462.00	3.1546	583.07	349.56	5.669
324.00	2.2269	411.51	246.67	5.228	464.00	3.1680	585.55	351.05	5.674
326.00	2.2403	414.00	248.17	5.236	466.00	3.1815	588.04	352.54	5.680
328.00	2.2538	416.49	249.66	5.243	468.00	3.1949	590.52	354.03	5.685
330.00	2.2673	418.98	251.15	5.251	470.00	3.2083	593.01	355.52	5.690
332.00	2.2807	421.47	252.64	5.258	472.00	3.2218	595.49	357.01	5.696
334.00	2.2942	423.96	254.13	5.266	474.00	3.2352	597.98	358.50	5.701
336.00	2.3076	426.45	255.63	5.273	476.00	3.2486	600.46	359.99	5.706
338.00	2.3211	428.93	257.12	5.281	478.00	3.2621	602.95	361.48	5.711
340.00	2.3346	431.42	258.61	5.288	480.00	3.2755	605.43	362.97	5.717
342.00	2.3480	433.91	260.10	5.295	482.00	3.2889	607.91	364.46	5.722
344.00	2.3615	436.40	261.59	5.302	484.00	3.3024	610.40	365.95	5.727
346.00	2.3749	438.88	263.09	5.310	486.00	3.3158	612.88	367.44	5.732
348.00	2.3884	441.37	264.58	5.317	488.00	3.3292	615.37	368.93	5.737
350.00	2.4018	443.86	266.07	5.324	490.00	3.3427	617.85	370.42	5.742
352.00	2.4153	446.35	267.56	5.331	492.00	3.3561	620.34	371.91	5.747
354.00	2.4287	448.84	269.05	5.338	494.00	3.3695	622.82	373.40	5.752
356.00	2.4422	451.32	270.54	5.345	496.00	3.3829	625.30	374.89	5.757
358.00	2.4556	453.81	272.04	5.352	498.00	3.3964	627.79	376.38	5.762
360.00	2.4691	456.30	273.53	5.359	500.00	3.4098	630.27	377.87	5.767
362.00	2.4825	458.78	275.02	5.366	502.00	3.4232	632.76	379.36	5.772
364.00	2.4960	461.27	276.51	5.373	504.00	3.4367	635.24	380.85	5.777
366.00	2.5094	463.76	278.00	5.380	506.00	3.4501	637.72	382.34	5.782
368.00	2.5229	466.25	279.49	5.386	508.00	3.4635	640.21	383.83	5.787
370.00	2.5363	468.73	280.98	5.393	510.00	3.4770	642.69	385.32	5.792
372.00	2.5498	471.22	282.48	5.400	512.00	3.4904	645.18	386.81	5.797
374.00	2.5632	473.71	283.97	5.406	514.00	3.5038	647.66	388.30	5.802
376.00	2.5767	476.19	285.46	5.413	516.00	3.5172	650.14	389.79	5.806
378.00	2.5901	478.68	286.95	5.420	518.00	3.5307	652.63	391.28	5.811
380.00	2.6036	481.17	288.44	5.426	520.00	3.5441	655.11	392.77	5.816
382.00	2.6170	483.65	289.93	5.433	522.00	3.5575	657.59	394.26	5.821
384.00	2.6305	486.14	291.42	5.439	524.00	3.5710	660.08	395.74	5.826
386.00	2.6439	488.62	292.91	5.446	526.00	3.5844	662.56	397.23	5.830
388.00	2.6574	491.11	294.40	5.452	528.00	3.5978	665.05	398.72	5.835
390.00	2.6708	493.60	295.90	5.459	530.00	3.6112	667.53	400.21	5.840
392.00	2.6842	496.08	297.39	5.465	532.00	3.6247	670.01	401.70	5.844
394.00	2.6977	498.57	298.88	5.471	534.00	3.6381	672.50	403.19	5.849
396.00	2.7111	501.06	300.37	5.478	536.00	3.6515	674.98	404.68	5.854
398.00	2.7246	503.54	301.86	5.484	538.00	3.6649	677.46	406.17	5.858
400.00	2.7380	506.03	303.35	5.490	540.00	3.6784	679.95	407.66	5.863

TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)	TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)
					122.00	.7692	159.18	95.12	3.945
					124.00	.7814	161.71	96.64	3.966
					126.00	.7936	164.25	98.16	3.986
					128.00	.8058	166.78	99.67	4.006
					130.00	.8180	169.31	101.19	4.026
					132.00	.8302	171.83	102.70	4.045
					134.00	.8424	174.36	104.21	4.064
					136.00	.8545	176.89	105.72	4.083
					138.00	.8667	179.41	107.24	4.101
					140.00	.8788	181.93	108.75	4.119
					142.00	.8910	184.46	110.26	4.137
					144.00	.9031	186.98	111.77	4.155
6.00	.0905	9.87	2.33	.463	146.00	.9153	189.50	113.28	4.172
8.00	.0928	10.95	3.22	.610	148.00	.9274	192.02	114.78	4.189
10.00	.0960	12.19	4.19	.753	150.00	.9396	194.53	116.29	4.206
12.00	.1002	13.66	5.32	.895	152.00	.9517	197.05	117.80	4.223
14.00	.1054	15.39	6.61	1.028	154.00	.9638	199.57	119.31	4.240
16.00	.1120	17.57	8.25	1.173	156.00	.9759	202.08	120.81	4.256
18.00	.1198	20.06	10.08	1.319	158.00	.9880	204.60	122.32	4.272
20.00	.1288	22.75	12.03	1.461	160.00	1.0001	207.11	123.83	4.288
22.00	.1391	25.60	14.01	1.597	162.00	1.0122	209.63	125.33	4.303
24.00	.1504	28.53	16.00	1.724	164.00	1.0243	212.14	126.84	4.319
26.00	.1625	31.50	17.97	1.843	166.00	1.0364	214.65	128.34	4.334
28.00	.1750	34.48	19.90	1.954	168.00	1.0485	217.16	129.85	4.349
30.00	.1880	37.45	21.80	2.056	170.00	1.0606	219.67	131.35	4.364
32.00	.2011	40.40	23.66	2.151	172.00	1.0727	222.18	132.85	4.378
34.00	.2143	43.32	25.48	2.240	174.00	1.0848	224.69	134.36	4.393
36.00	.2276	46.22	27.27	2.323	176.00	1.0969	227.20	135.86	4.407
38.00	.2408	49.08	29.03	2.400	178.00	1.1089	229.71	137.36	4.421
40.00	.2541	51.92	30.76	2.473	180.00	1.1210	232.22	138.87	4.435
42.00	.2673	54.73	32.48	2.542	182.00	1.1331	234.73	140.37	4.449
44.00	.2805	57.53	34.17	2.607	184.00	1.1451	237.23	141.87	4.463
46.00	.2936	60.30	35.85	2.668	186.00	1.1572	239.74	143.37	4.477
48.00	.3066	63.05	37.51	2.727	188.00	1.1693	242.24	144.87	4.490
50.00	.3197	65.78	39.16	2.782	190.00	1.1813	244.75	146.37	4.503
52.00	.3326	68.50	40.80	2.836	192.00	1.1934	247.25	147.87	4.516
54.00	.3456	71.20	42.42	2.887	194.00	1.2054	249.76	149.37	4.529
56.00	.3584	73.89	44.04	2.936	196.00	1.2175	252.26	150.87	4.542
58.00	.3713	76.57	45.65	2.983	198.00	1.2295	254.77	152.37	4.555
60.00	.3841	79.23	47.25	3.028	200.00	1.2416	257.27	153.87	4.567
62.00	.3968	81.89	48.84	3.071	202.00	1.2536	259.77	155.37	4.580
64.00	.4096	84.54	50.43	3.113	204.00	1.2657	262.27	156.87	4.592
66.00	.4223	87.18	52.02	3.154	206.00	1.2777	264.78	158.37	4.604
68.00	.4349	89.81	53.59	3.193	208.00	1.2898	267.28	159.87	4.616
70.00	.4475	92.43	55.16	3.231	210.00	1.3018	269.78	161.37	4.628
72.00	.4601	95.05	56.73	3.268	212.00	1.3138	272.28	162.87	4.640
74.00	.4727	97.66	58.30	3.304	214.00	1.3259	274.78	164.37	4.652
76.00	.4853	100.27	59.86	3.339	216.00	1.3379	277.28	165.87	4.664
78.00	.4978	102.87	61.41	3.372	218.00	1.3499	279.78	167.36	4.675
80.00	.5103	105.46	62.97	3.405	220.00	1.3619	282.28	168.86	4.687
82.00	.5228	108.05	64.52	3.437	222.00	1.3740	284.78	170.36	4.698
84.00	.5352	110.64	66.07	3.468	224.00	1.3860	287.28	171.86	4.709
86.00	.5477	113.22	67.61	3.499	226.00	1.3980	289.77	173.35	4.720
88.00	.5601	115.80	69.15	3.528	228.00	1.4100	292.27	174.85	4.731
90.00	.5725	118.37	70.69	3.557	230.00	1.4221	294.77	176.35	4.742
92.00	.5849	120.94	72.23	3.586	232.00	1.4341	297.27	177.84	4.753
94.00	.5973	123.51	73.77	3.613	234.00	1.4461	299.77	179.34	4.764
96.00	.6096	126.07	75.30	3.640	236.00	1.4581	302.26	180.84	4.774
98.00	.6220	128.63	76.84	3.667	238.00	1.4701	304.76	182.33	4.785
100.00	.6343	131.19	78.37	3.692	240.00	1.4821	307.26	183.83	4.795
102.00	.6466	133.74	79.90	3.718	242.00	1.4941	309.75	185.33	4.806
104.00	.6589	136.30	81.43	3.743	244.00	1.5061	312.25	186.82	4.816
106.00	.6712	138.85	82.95	3.767	246.00	1.5181	314.74	188.32	4.826
108.00	.6835	141.40	84.48	3.791	248.00	1.5301	317.24	189.82	4.836
110.00	.6958	143.94	86.00	3.814	250.00	1.5422	319.74	191.31	4.846
112.00	.7080	146.49	87.52	3.837	252.00	1.5542	322.23	192.81	4.856
114.00	.7203	149.03	89.05	3.859	254.00	1.5662	324.73	194.30	4.866
116.00	.7325	151.57	90.57	3.882	256.00	1.5782	327.22	195.80	4.876
118.00	.7448	154.11	92.09	3.903	258.00	1.5902	329.71	197.29	4.885
120.00	.7570	156.64	93.61	3.925	260.00	1.6022	332.21	198.79	4.895

TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB-R)	ENTROPY (BTU/LB-R)	TEMPER- ATURE (K)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB-R)	ENTROPY (BTU/LB-R)
262.00	1.6142	334.70	200.28	4.905	402.00	2.4521	508.97	304.77	5.438
264.00	1.6261	337.20	201.78	4.914	404.00	2.4640	511.46	306.26	5.444
266.00	1.6381	339.69	203.27	4.924	406.00	2.4760	513.94	307.75	5.450
268.00	1.6501	342.18	204.77	4.933	408.00	2.4879	516.43	309.25	5.456
270.00	1.6621	344.68	206.26	4.942	410.00	2.5000	518.92	310.74	5.462
272.00	1.6741	347.17	207.76	4.951	412.00	2.5118	521.40	312.23	5.468
274.00	1.6861	349.66	209.25	4.961	414.00	2.5238	523.89	313.72	5.474
276.00	1.6981	352.16	210.75	4.970	416.00	2.5357	526.38	315.21	5.480
278.00	1.7101	354.65	212.24	4.979	418.00	2.5477	528.86	316.70	5.486
280.00	1.7221	357.14	213.73	4.987	420.00	2.5596	531.35	318.19	5.492
282.00	1.7341	359.63	215.23	4.996	422.00	2.5716	533.83	319.68	5.498
284.00	1.7461	362.13	216.72	5.005	424.00	2.5835	536.32	321.17	5.504
286.00	1.7580	364.62	218.22	5.014	426.00	2.5955	538.81	322.66	5.510
288.00	1.7700	367.11	219.71	5.023	428.00	2.6074	541.29	324.16	5.516
290.00	1.7820	369.60	221.20	5.031	430.00	2.6194	543.78	325.65	5.521
292.00	1.7940	372.09	222.70	5.040	432.00	2.6313	546.26	327.14	5.527
294.00	1.8060	374.59	224.19	5.048	434.00	2.6433	548.75	328.63	5.533
296.00	1.8179	377.08	225.69	5.057	436.00	2.6552	551.24	330.12	5.539
298.00	1.8299	379.57	227.18	5.065	438.00	2.6672	553.72	331.61	5.544
300.00	1.8419	382.06	228.67	5.073	440.00	2.6791	556.21	333.10	5.550
302.00	1.8539	384.55	230.17	5.082	442.00	2.6911	558.69	334.59	5.556
304.00	1.8659	387.04	231.66	5.090	444.00	2.7030	561.18	336.08	5.561
306.00	1.8778	389.53	233.15	5.098	446.00	2.7150	563.66	337.57	5.567
308.00	1.8898	392.02	234.65	5.106	448.00	2.7269	566.15	339.06	5.572
310.00	1.9018	394.51	236.14	5.114	450.00	2.7389	568.63	340.55	5.578
312.00	1.9138	397.00	237.63	5.122	452.00	2.7508	571.12	342.04	5.583
314.00	1.9257	399.49	239.13	5.130	454.00	2.7627	573.60	343.53	5.589
316.00	1.9377	401.98	240.62	5.138	456.00	2.7747	576.09	345.02	5.594
318.00	1.9497	404.47	242.11	5.146	458.00	2.7866	578.58	346.51	5.600
320.00	1.9617	406.96	243.60	5.154	460.00	2.7986	581.06	348.01	5.605
322.00	1.9736	409.45	245.10	5.162	462.00	2.8105	583.55	349.50	5.611
324.00	1.9856	411.94	246.59	5.169	464.00	2.8225	586.03	350.99	5.616
326.00	1.9976	414.43	248.08	5.177	466.00	2.8344	588.52	352.48	5.621
328.00	2.0095	416.92	249.58	5.185	468.00	2.8464	591.00	353.97	5.627
330.00	2.0215	419.41	251.07	5.192	470.00	2.8583	593.49	355.46	5.632
332.00	2.0335	421.90	252.56	5.200	472.00	2.8702	595.97	356.95	5.637
334.00	2.0455	424.39	254.05	5.207	474.00	2.8822	598.46	358.44	5.642
336.00	2.0574	426.88	255.55	5.215	476.00	2.8941	600.94	359.93	5.648
338.00	2.0694	429.37	257.04	5.222	478.00	2.9061	603.43	361.42	5.653
340.00	2.0814	431.86	258.53	5.229	480.00	2.9180	605.91	362.91	5.658
342.00	2.0933	434.35	260.02	5.237	482.00	2.9300	608.39	364.40	5.663
344.00	2.1053	436.83	261.51	5.244	484.00	2.9419	610.88	365.89	5.668
346.00	2.1172	439.32	263.01	5.251	486.00	2.9538	613.36	367.38	5.673
348.00	2.1292	441.81	264.50	5.258	488.00	2.9658	615.85	368.87	5.679
350.00	2.1412	444.30	265.99	5.265	490.00	2.9777	618.33	370.36	5.684
352.00	2.1531	446.79	267.48	5.272	492.00	2.9897	620.82	371.85	5.689
354.00	2.1651	449.28	268.98	5.279	494.00	3.0016	623.30	373.34	5.694
356.00	2.1771	451.76	270.47	5.286	496.00	3.0135	625.79	374.83	5.699
358.00	2.1890	454.25	271.96	5.293	498.00	3.0255	628.27	376.32	5.704
360.00	2.2010	456.74	273.45	5.300	500.00	3.0374	630.76	377.81	5.709
362.00	2.2129	459.23	274.94	5.307	502.00	3.0494	633.24	379.30	5.714
364.00	2.2249	461.72	276.43	5.314	504.00	3.0613	635.72	380.79	5.719
366.00	2.2369	464.20	277.93	5.321	506.00	3.0733	638.21	382.28	5.724
368.00	2.2488	466.69	279.42	5.328	508.00	3.0852	640.69	383.77	5.728
370.00	2.2608	469.18	280.91	5.334	510.00	3.0971	643.18	385.26	5.733
372.00	2.2727	471.67	282.40	5.341	512.00	3.1091	645.66	386.75	5.738
374.00	2.2847	474.15	283.89	5.348	514.00	3.1210	648.15	388.24	5.743
376.00	2.2967	476.64	285.38	5.354	516.00	3.1329	650.63	389.73	5.748
378.00	2.3086	479.13	286.88	5.361	518.00	3.1449	653.11	391.22	5.753
380.00	2.3206	481.62	288.37	5.368	520.00	3.1568	655.60	392.71	5.757
382.00	2.3325	484.10	289.86	5.374	522.00	3.1688	658.08	394.20	5.762
384.00	2.3445	486.59	291.35	5.381	524.00	3.1807	660.57	395.69	5.767
386.00	2.3564	489.08	292.84	5.387	526.00	3.1926	663.05	397.18	5.772
388.00	2.3684	491.56	294.33	5.394	528.00	3.2046	665.54	398.67	5.776
390.00	2.3804	494.05	295.83	5.400	530.00	3.2165	668.02	400.16	5.781
392.00	2.3923	496.54	297.32	5.406	532.00	3.2285	670.50	401.65	5.786
394.00	2.4043	499.03	298.81	5.413	534.00	3.2404	672.99	403.14	5.790
396.00	2.4162	501.51	300.30	5.419	536.00	3.2523	675.47	404.63	5.795
398.00	2.4282	504.00	301.79	5.425	538.00	3.2643	677.96	406.12	5.800
400.00	2.4401	506.49	303.28	5.431	540.00	3.2762	680.44	407.61	5.804

TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB-R)	ENTROPY (BTU/LB-R)	TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB-R)	ENTROPY (BTU/LB-R)
6.00	.0892	10.64	2.39	.454	122.00	.6968	159.41	94.93	3.892
8.00	.0914	11.71	3.25	.597	124.00	.7078	161.95	96.45	3.912
10.00	.0943	12.91	4.18	.737	126.00	.7188	164.48	97.97	3.933
12.00	.0980	14.33	5.26	.874	128.00	.7298	167.02	99.49	3.953
14.00	.1027	15.99	6.49	1.002	130.00	.7408	169.55	101.00	3.972
16.00	.1084	18.10	8.07	1.142	132.00	.7518	172.08	102.52	3.992
18.00	.1151	20.49	9.84	1.283	134.00	.7628	174.61	104.03	4.011
20.00	.1229	23.09	11.72	1.420	136.00	.7737	177.14	105.55	4.029
					138.00	.7847	179.67	107.06	4.048
					140.00	.7957	182.20	108.58	4.066
					142.00	.8066	184.72	110.09	4.084
					144.00	.8176	187.25	111.60	4.102
					146.00	.8285	189.77	113.11	4.119
					148.00	.8394	192.29	114.62	4.136
					150.00	.8504	194.82	116.13	4.153
					152.00	.8613	197.34	117.64	4.170
					154.00	.8722	199.86	119.15	4.186
					156.00	.8831	202.37	120.66	4.203
					158.00	.8941	204.89	122.17	4.219
					160.00	.9050	207.41	123.67	4.234
22.00	.1316	25.83	13.65	1.551	162.00	.9159	209.93	125.18	4.250
24.00	.1412	28.67	15.60	1.674	164.00	.9268	212.44	126.69	4.265
26.00	.1516	31.57	17.54	1.790	166.00	.9377	214.96	128.19	4.281
28.00	.1625	34.49	19.46	1.899	168.00	.9486	217.47	129.70	4.296
30.00	.1738	37.43	21.35	2.000	170.00	.9595	219.98	131.21	4.311
32.00	.1853	40.35	23.21	2.094	172.00	.9704	222.50	132.71	4.325
34.00	.1970	43.26	25.03	2.182	174.00	.9812	225.01	134.21	4.340
36.00	.2088	46.15	26.83	2.265	176.00	.9921	227.52	135.72	4.354
38.00	.2206	49.01	28.60	2.342	178.00	1.0030	230.03	137.22	4.368
40.00	.2324	51.85	30.34	2.415	180.00	1.0139	232.54	138.73	4.382
42.00	.2443	54.67	32.07	2.484	182.00	1.0248	235.05	140.23	4.396
44.00	.2561	57.47	33.77	2.549	184.00	1.0356	237.56	141.73	4.410
46.00	.2679	60.25	35.46	2.611	186.00	1.0465	240.07	143.24	4.424
48.00	.2796	63.01	37.13	2.669	188.00	1.0574	242.58	144.74	4.437
50.00	.2914	65.75	38.79	2.725	190.00	1.0682	245.08	146.24	4.450
52.00	.3031	68.48	40.44	2.779	192.00	1.0791	247.59	147.74	4.463
54.00	.3147	71.19	42.07	2.830	194.00	1.0900	250.10	149.24	4.476
56.00	.3263	73.89	43.70	2.879	196.00	1.1008	252.60	150.75	4.489
58.00	.3379	76.58	45.31	2.926	198.00	1.1117	255.11	152.25	4.502
60.00	.3494	79.26	46.92	2.972	200.00	1.1225	257.61	153.75	4.515
62.00	.3609	81.92	48.53	3.015	202.00	1.1334	260.12	155.25	4.527
64.00	.3724	84.58	50.12	3.058	204.00	1.1442	262.62	156.75	4.539
66.00	.3839	87.23	51.71	3.098	206.00	1.1551	265.13	158.25	4.552
68.00	.3953	89.87	53.29	3.138	208.00	1.1659	267.63	159.75	4.564
70.00	.4067	92.50	54.87	3.176	210.00	1.1768	270.13	161.25	4.576
72.00	.4180	95.13	56.45	3.213	212.00	1.1876	272.63	162.75	4.587
74.00	.4294	97.75	58.02	3.249	214.00	1.1984	275.14	164.25	4.599
76.00	.4407	100.36	59.58	3.284	216.00	1.2093	277.64	165.75	4.611
78.00	.4520	102.97	61.14	3.318	218.00	1.2201	280.14	167.25	4.622
80.00	.4633	105.57	62.70	3.350	220.00	1.2309	282.64	168.74	4.634
82.00	.4745	108.17	64.26	3.383	222.00	1.2418	285.14	170.24	4.645
84.00	.4858	110.76	65.81	3.414	224.00	1.2526	287.64	171.74	4.656
86.00	.4970	113.35	67.36	3.444	226.00	1.2634	290.14	173.24	4.667
88.00	.5082	115.93	68.91	3.474	228.00	1.2743	292.64	174.74	4.678
90.00	.5194	118.51	70.45	3.503	230.00	1.2851	295.14	176.24	4.689
92.00	.5306	121.09	71.99	3.531	232.00	1.2959	297.64	177.73	4.700
94.00	.5417	123.66	73.53	3.559	234.00	1.3067	300.14	179.23	4.711
96.00	.5529	126.23	75.07	3.586	236.00	1.3175	302.64	180.73	4.722
98.00	.5640	128.80	76.61	3.612	238.00	1.3284	305.14	182.23	4.732
100.00	.5752	131.36	78.14	3.638	240.00	1.3392	307.64	183.72	4.743
102.00	.5863	133.92	79.68	3.664	242.00	1.3500	310.13	185.22	4.753
104.00	.5974	136.48	81.21	3.689	244.00	1.3608	312.63	186.72	4.763
106.00	.6085	139.04	82.74	3.713	246.00	1.3716	315.13	188.21	4.773
108.00	.6195	141.59	84.27	3.737	248.00	1.3824	317.63	189.71	4.783
110.00	.6306	144.14	85.79	3.760	250.00	1.3932	320.12	191.21	4.794
112.00	.6417	146.69	87.32	3.783	252.00	1.4041	322.62	192.70	4.803
114.00	.6527	149.24	88.84	3.806	254.00	1.4149	325.12	194.20	4.813
116.00	.6637	151.78	90.37	3.828	256.00	1.4257	327.61	195.70	4.823
118.00	.6748	154.33	91.89	3.849	258.00	1.4365	330.11	197.19	4.833
120.00	.6858	156.87	93.41	3.871	260.00	1.4473	332.60	198.69	4.842

500.00 PSIA ISOBAR

TEMPERATURE (R)	SPECIFIC VOLUME (CU FT/L8)	ENTHALPY (BTU/L8)	INTERNAL ENERGY (BTU/L8)	ENTROPY (BTU/L8-R)	TEMPERATURE (R)	SPECIFIC VOLUME (CU FT/L8)	ENTHALPY (BTU/L8)	INTERNAL ENERGY (BTU/L8)	ENTROPY (BTU/L8-R)
262.00	1.4581	335.10	200.18	4.852	402.00	2.2126	509.43	304.70	5.385
264.00	1.4689	337.59	201.68	4.862	404.00	2.2233	511.92	306.20	5.391
266.00	1.4797	340.09	203.17	4.871	406.00	2.2341	514.41	307.69	5.397
268.00	1.4905	342.58	204.67	4.880	408.00	2.2448	516.89	309.18	5.404
270.00	1.5013	345.08	206.16	4.890	410.00	2.2556	519.38	310.67	5.410
272.00	1.5121	347.57	207.66	4.899	412.00	2.2664	521.87	312.16	5.416
274.00	1.5229	350.07	209.16	4.908	414.00	2.2771	524.35	313.65	5.422
276.00	1.5337	352.56	210.65	4.917	416.00	2.2879	526.84	315.14	5.428
278.00	1.5445	355.06	212.15	4.926	418.00	2.2986	529.33	316.64	5.434
280.00	1.5553	357.55	213.64	4.935	420.00	2.3094	531.81	318.13	5.440
282.00	1.5661	360.04	215.14	4.944	422.00	2.3202	534.30	319.62	5.446
284.00	1.5769	362.54	216.63	4.953	424.00	2.3309	536.79	321.11	5.451
286.00	1.5877	365.03	218.12	4.961	426.00	2.3417	539.27	322.60	5.457
288.00	1.5985	367.52	219.62	4.970	428.00	2.3524	541.76	324.09	5.463
290.00	1.6092	370.01	221.11	4.979	430.00	2.3632	544.25	325.58	5.469
292.00	1.6200	372.51	222.61	4.987	432.00	2.3739	546.73	327.07	5.475
294.00	1.6308	375.00	224.10	4.996	434.00	2.3847	549.22	328.56	5.480
296.00	1.6416	377.49	225.60	5.004	436.00	2.3955	551.70	330.06	5.486
298.00	1.6524	379.99	227.09	5.013	438.00	2.4062	554.19	331.55	5.492
300.00	1.6632	382.48	228.58	5.021	440.00	2.4170	556.68	333.04	5.497
302.00	1.6740	384.97	230.08	5.029	442.00	2.4277	559.16	334.53	5.503
304.00	1.6848	387.46	231.57	5.037	444.00	2.4385	561.65	336.02	5.509
306.00	1.6955	389.95	233.07	5.046	446.00	2.4492	564.13	337.51	5.514
308.00	1.7063	392.44	234.56	5.054	448.00	2.4600	566.62	339.00	5.520
310.00	1.7171	394.94	236.05	5.062	450.00	2.4707	569.11	340.49	5.525
312.00	1.7279	397.43	237.55	5.070	452.00	2.4815	571.59	341.98	5.531
314.00	1.7387	399.92	239.04	5.078	454.00	2.4923	574.08	343.47	5.536
316.00	1.7495	402.41	240.53	5.086	456.00	2.5030	576.56	344.96	5.542
318.00	1.7602	404.90	242.03	5.093	458.00	2.5138	579.05	346.45	5.547
320.00	1.7710	407.39	243.52	5.101	460.00	2.5245	581.54	347.95	5.553
322.00	1.7818	409.88	245.01	5.109	462.00	2.5353	584.02	349.44	5.558
324.00	1.7926	412.37	246.51	5.117	464.00	2.5460	586.51	350.93	5.563
326.00	1.8034	414.86	248.00	5.124	466.00	2.5568	588.99	352.42	5.569
328.00	1.8141	417.35	249.49	5.132	468.00	2.5675	591.48	353.91	5.574
330.00	1.8249	419.84	250.99	5.140	470.00	2.5783	593.96	355.40	5.579
332.00	1.8357	422.33	252.48	5.147	472.00	2.5890	596.45	356.89	5.585
334.00	1.8465	424.82	253.97	5.155	474.00	2.5998	598.93	358.38	5.590
336.00	1.8572	427.31	255.47	5.162	476.00	2.6105	601.42	359.87	5.595
338.00	1.8680	429.80	256.96	5.169	478.00	2.6213	603.90	361.36	5.600
340.00	1.8788	432.29	258.45	5.177	480.00	2.6320	606.39	362.85	5.606
342.00	1.8896	434.78	259.94	5.184	482.00	2.6428	608.87	364.34	5.611
344.00	1.9003	437.27	261.44	5.191	484.00	2.6535	611.36	365.83	5.616
346.00	1.9111	439.76	262.93	5.199	486.00	2.6643	613.85	367.32	5.621
348.00	1.9219	442.25	264.42	5.206	488.00	2.6750	616.33	368.81	5.626
350.00	1.9327	444.74	265.91	5.213	490.00	2.6858	618.82	370.30	5.631
352.00	1.9434	447.23	267.41	5.220	492.00	2.6965	621.30	371.79	5.636
354.00	1.9542	449.72	268.90	5.227	494.00	2.7073	623.79	373.28	5.641
356.00	1.9650	452.21	270.39	5.234	496.00	2.7180	626.27	374.77	5.646
358.00	1.9757	454.70	271.88	5.241	498.00	2.7288	628.76	376.26	5.651
360.00	1.9865	457.18	273.38	5.248	500.00	2.7395	631.24	377.76	5.656
362.00	1.9973	459.67	274.87	5.255	502.00	2.7503	633.73	379.25	5.661
364.00	2.0080	462.16	276.36	5.262	504.00	2.7610	636.21	380.74	5.666
366.00	2.0188	464.65	277.85	5.268	506.00	2.7718	638.69	382.23	5.671
368.00	2.0296	467.14	279.34	5.275	508.00	2.7825	641.18	383.72	5.676
370.00	2.0403	469.63	280.84	5.282	510.00	2.7933	643.66	385.21	5.681
372.00	2.0511	472.12	282.33	5.289	512.00	2.8040	646.15	386.70	5.686
374.00	2.0619	474.60	283.82	5.295	514.00	2.8148	648.63	388.19	5.691
376.00	2.0726	477.09	285.31	5.302	516.00	2.8255	651.12	389.68	5.695
378.00	2.0834	479.58	286.80	5.309	518.00	2.8363	653.60	391.17	5.700
380.00	2.0942	482.07	288.30	5.315	520.00	2.8470	656.09	392.66	5.705
382.00	2.1049	484.56	289.79	5.322	522.00	2.8577	658.57	394.15	5.710
384.00	2.1157	487.04	291.28	5.328	524.00	2.8685	661.06	395.64	5.715
386.00	2.1265	489.53	292.77	5.335	526.00	2.8792	663.54	397.13	5.719
388.00	2.1372	492.02	294.26	5.341	528.00	2.8900	666.03	398.62	5.724
390.00	2.1480	494.51	295.76	5.347	530.00	2.9007	668.51	400.11	5.729
392.00	2.1588	496.99	297.25	5.354	532.00	2.9115	670.99	401.60	5.733
394.00	2.1695	499.48	298.74	5.360	534.00	2.9222	673.48	403.09	5.738
396.00	2.1803	501.97	300.23	5.366	536.00	2.9330	675.96	404.58	5.743
398.00	2.1910	504.46	301.72	5.373	538.00	2.9437	678.45	406.07	5.747
400.00	2.2018	506.94	303.21	5.379	540.00	2.9545	680.93	407.56	5.752

550.00 PSIA ISOBAR

TEMPERATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB-R)	ENTROPY (BTU/LB)	TEMPERATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB-R)	ENTROPY (BTU/LB)
122.00		.6376	159.64	94.75	3.843				
124.00		.6476	162.19	96.27	3.864				
126.00		.6577	164.73	97.79	3.884				
128.00		.6677	167.26	99.31	3.904				
130.00		.6777	169.80	100.83	3.924				
132.00		.6877	172.34	102.34	3.943				
134.00		.6977	174.87	103.86	3.962				
136.00		.7077	177.40	105.38	3.981				
138.00		.7176	179.94	106.89	4.000				
140.00		.7276	182.47	108.41	4.018				
142.00		.7376	185.00	109.92	4.036				
144.00		.7475	187.52	111.44	4.053				
146.00		.7575	190.05	112.95	4.071				
148.00		.7675	192.58	114.46	4.088				
150.00		.7774	195.10	115.97	4.105				
152.00		.7874	197.62	117.48	4.122				
154.00		.7973	200.15	119.00	4.138				
156.00		.8073	202.67	120.51	4.154				
158.00		.8172	205.19	122.01	4.170				
160.00		.8271	207.71	123.52	4.186				
22.00	.1256	26.15	13.36	1.511	162.00	.8370	210.23	125.03	4.202
24.00	.1340	28.91	15.27	1.631	164.00	.8470	212.75	126.54	4.217
26.00	.1430	31.73	17.18	1.744	166.00	.8569	215.26	128.05	4.233
28.00	.1525	34.60	19.08	1.850	168.00	.8668	217.78	129.56	4.248
30.00	.1625	37.49	20.95	1.950	170.00	.8767	220.30	131.06	4.263
32.00	.1727	40.38	22.80	2.043	172.00	.8866	222.81	132.57	4.277
34.00	.1831	43.27	24.63	2.131	174.00	.8965	225.33	134.07	4.292
36.00	.1937	46.14	26.43	2.213	176.00	.9065	227.84	135.58	4.306
38.00	.2043	49.00	28.20	2.290	178.00	.9164	230.35	137.09	4.320
40.00	.2150	51.84	29.96	2.363	180.00	.9263	232.87	138.59	4.334
42.00	.2257	54.66	31.69	2.432	182.00	.9362	235.38	140.10	4.348
44.00	.2364	57.46	33.40	2.497	184.00	.9460	237.89	141.60	4.362
46.00	.2471	60.24	35.09	2.559	186.00	.9559	240.40	143.10	4.376
48.00	.2577	63.01	36.77	2.618	188.00	.9658	242.91	144.61	4.389
50.00	.2684	65.76	38.44	2.674	190.00	.9757	245.42	146.11	4.402
52.00	.2790	68.49	40.09	2.727	192.00	.9856	247.93	147.61	4.415
54.00	.2896	71.21	41.74	2.779	194.00	.9955	250.44	149.12	4.428
56.00	.3001	73.92	43.37	2.828	196.00	1.0054	252.95	150.62	4.441
58.00	.3107	76.62	45.00	2.875	198.00	1.0152	255.45	152.12	4.454
60.00	.3212	79.30	46.61	2.921	200.00	1.0251	257.96	153.62	4.467
62.00	.3317	81.98	48.22	2.965	202.00	1.0350	260.47	155.12	4.479
64.00	.3421	84.64	49.82	3.007	204.00	1.0449	262.97	156.63	4.491
66.00	.3525	87.30	51.42	3.048	206.00	1.0547	265.48	158.13	4.504
68.00	.3629	89.95	53.01	3.087	208.00	1.0646	267.98	159.63	4.516
70.00	.3733	92.59	54.59	3.126	210.00	1.0745	270.49	161.13	4.528
72.00	.3837	95.22	56.17	3.163	212.00	1.0843	272.99	162.63	4.540
74.00	.3940	97.85	57.75	3.199	214.00	1.0942	275.50	164.13	4.551
76.00	.4043	100.47	59.32	3.234	216.00	1.1040	278.00	165.63	4.563
78.00	.4146	103.08	60.88	3.268	218.00	1.1139	280.50	167.13	4.575
80.00	.4249	105.69	62.45	3.301	220.00	1.1238	283.01	168.63	4.586
82.00	.4352	108.30	64.01	3.333	222.00	1.1336	285.51	170.13	4.597
84.00	.4454	110.90	65.56	3.364	224.00	1.1435	288.01	171.63	4.609
86.00	.4556	113.49	67.12	3.395	226.00	1.1533	290.51	173.13	4.620
88.00	.4658	116.08	68.67	3.424	228.00	1.1632	293.01	174.63	4.631
90.00	.4760	118.67	70.22	3.454	230.00	1.1730	295.52	176.13	4.642
92.00	.4862	121.25	71.76	3.482	232.00	1.1829	298.02	177.62	4.652
94.00	.4964	123.83	73.31	3.510	234.00	1.1927	300.52	179.12	4.663
96.00	.5065	126.41	74.85	3.537	236.00	1.2025	303.02	180.62	4.674
98.00	.5167	128.98	76.39	3.563	238.00	1.2124	305.52	182.12	4.684
100.00	.5268	131.55	77.93	3.589	240.00	1.2222	308.02	183.62	4.695
102.00	.5369	134.11	79.46	3.615	242.00	1.2321	310.52	185.11	4.705
104.00	.5470	136.68	81.00	3.640	244.00	1.2419	313.02	186.61	4.715
106.00	.5571	139.24	82.53	3.664	246.00	1.2517	315.51	188.11	4.726
108.00	.5672	141.80	84.06	3.688	248.00	1.2616	318.01	189.61	4.736
110.00	.5773	144.35	85.59	3.711	250.00	1.2714	320.51	191.10	4.746
112.00	.5874	146.91	87.12	3.734	252.00	1.2813	323.01	192.60	4.756
114.00	.5974	149.46	88.65	3.757	254.00	1.2911	325.51	194.10	4.766
116.00	.6075	152.01	90.17	3.779	256.00	1.3009	328.00	195.59	4.775
118.00	.6175	154.55	91.70	3.801	258.00	1.3107	330.50	197.09	4.785
120.00	.6276	157.10	93.22	3.822	260.00	1.3206	333.00	198.59	4.795

TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)	TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)
262.00	1.3304	335.50	200.08	4.804	402.00	2.0166	509.89	304.64	5.338
264.00	1.3402	337.99	201.58	4.814	404.00	2.0264	512.38	306.13	5.344
266.00	1.3501	340.49	203.08	4.823	406.00	2.0362	514.87	307.62	5.350
268.00	1.3599	342.98	204.57	4.833	408.00	2.0460	517.35	309.11	5.356
270.00	1.3697	345.48	206.07	4.842	410.00	2.0557	519.84	310.60	5.362
272.00	1.3795	347.98	207.56	4.851	412.00	2.0655	522.33	312.10	5.368
274.00	1.3894	350.47	209.06	4.860	414.00	2.0753	524.82	313.59	5.374
276.00	1.3992	352.97	210.56	4.869	416.00	2.0851	527.30	315.08	5.380
278.00	1.4090	355.46	212.05	4.878	418.00	2.0949	529.79	316.57	5.386
280.00	1.4188	357.96	213.55	4.887	420.00	2.1047	532.28	318.06	5.392
282.00	1.4286	360.45	215.04	4.896	422.00	2.1144	534.76	319.55	5.398
284.00	1.4385	362.95	216.54	4.905	424.00	2.1242	537.25	321.04	5.404
286.00	1.4483	365.44	218.03	4.914	426.00	2.1340	539.74	322.54	5.410
288.00	1.4581	367.93	219.53	4.922	428.00	2.1438	542.23	324.03	5.416
290.00	1.4679	370.43	221.02	4.931	430.00	2.1536	544.71	325.52	5.421
292.00	1.4777	372.92	222.52	4.940	432.00	2.1634	547.20	327.01	5.427
294.00	1.4875	375.42	224.01	4.948	434.00	2.1731	549.69	328.50	5.433
296.00	1.4973	377.91	225.51	4.957	436.00	2.1829	552.17	329.99	5.439
298.00	1.5072	380.40	227.00	4.965	438.00	2.1927	554.66	331.48	5.444
300.00	1.5170	382.90	228.50	4.973	440.00	2.2025	557.15	332.97	5.450
302.00	1.5268	385.39	229.99	4.982	442.00	2.2123	559.63	334.47	5.456
304.00	1.5366	387.88	231.49	4.990	444.00	2.2220	562.12	335.96	5.461
306.00	1.5464	390.37	232.98	4.998	446.00	2.2318	564.61	337.45	5.467
308.00	1.5562	392.87	234.47	5.006	448.00	2.2416	567.09	338.94	5.472
310.00	1.5660	395.36	235.97	5.014	450.00	2.2514	569.58	340.43	5.478
312.00	1.5758	397.85	237.46	5.022	452.00	2.2612	572.07	341.92	5.483
314.00	1.5856	400.34	238.96	5.030	454.00	2.2709	574.55	343.41	5.489
316.00	1.5954	402.84	240.45	5.038	456.00	2.2807	577.04	344.90	5.494
318.00	1.6052	405.33	241.94	5.046	458.00	2.2905	579.52	346.39	5.500
320.00	1.6150	407.82	243.44	5.054	460.00	2.3003	582.01	347.89	5.505
322.00	1.6248	410.31	244.93	5.062	462.00	2.3100	584.50	349.38	5.511
324.00	1.6346	412.80	246.43	5.069	464.00	2.3198	586.98	350.87	5.516
326.00	1.6445	415.29	247.92	5.077	466.00	2.3296	589.47	352.36	5.521
328.00	1.6543	417.79	249.41	5.085	468.00	2.3394	591.95	353.85	5.527
330.00	1.6641	420.28	250.91	5.092	470.00	2.3492	594.44	355.34	5.532
332.00	1.6739	422.77	252.40	5.100	472.00	2.3589	596.93	356.83	5.537
334.00	1.6837	425.26	253.89	5.107	474.00	2.3687	599.41	358.32	5.543
336.00	1.6935	427.75	255.39	5.115	476.00	2.3785	601.90	359.81	5.548
338.00	1.7033	430.24	256.88	5.122	478.00	2.3883	604.38	361.30	5.553
340.00	1.7131	432.73	258.37	5.129	480.00	2.3980	606.87	362.79	5.558
342.00	1.7229	435.22	259.87	5.137	482.00	2.4078	609.36	364.28	5.563
344.00	1.7327	437.71	261.36	5.144	484.00	2.4176	611.84	365.78	5.569
346.00	1.7425	440.20	262.85	5.151	486.00	2.4274	614.33	367.27	5.574
348.00	1.7522	442.69	264.34	5.158	488.00	2.4371	616.81	368.76	5.579
350.00	1.7620	445.18	265.84	5.165	490.00	2.4469	619.30	370.25	5.584
352.00	1.7718	447.67	267.33	5.172	492.00	2.4567	621.78	371.74	5.589
354.00	1.7816	450.16	268.82	5.179	494.00	2.4665	624.27	373.23	5.594
356.00	1.7914	452.65	270.32	5.187	496.00	2.4762	626.75	374.72	5.599
358.00	1.8012	455.14	271.81	5.193	498.00	2.4860	629.24	376.21	5.604
360.00	1.8110	457.63	273.30	5.200	500.00	2.4958	631.72	377.70	5.609
362.00	1.8208	460.12	274.79	5.207	502.00	2.5056	634.21	379.19	5.614
364.00	1.8306	462.61	276.29	5.214	504.00	2.5153	636.70	380.68	5.619
366.00	1.8404	465.10	277.78	5.221	506.00	2.5251	639.18	382.17	5.624
368.00	1.8502	467.59	279.27	5.228	508.00	2.5349	641.67	383.66	5.629
370.00	1.8600	470.08	280.76	5.235	510.00	2.5446	644.15	385.15	5.634
372.00	1.8698	472.57	282.26	5.241	512.00	2.5544	646.64	386.64	5.638
374.00	1.8796	475.05	283.75	5.248	514.00	2.5642	649.12	388.13	5.643
376.00	1.8894	477.54	285.24	5.255	516.00	2.5740	651.61	389.62	5.648
378.00	1.8991	480.03	286.73	5.261	518.00	2.5837	654.09	391.11	5.653
380.00	1.9089	482.52	288.23	5.268	520.00	2.5935	656.58	392.60	5.658
382.00	1.9187	485.01	289.72	5.274	522.00	2.6033	659.06	394.09	5.662
384.00	1.9285	487.50	291.21	5.281	524.00	2.6131	661.55	395.58	5.667
386.00	1.9383	489.99	292.70	5.287	526.00	2.6228	664.03	397.08	5.672
388.00	1.9481	492.47	294.19	5.294	528.00	2.6326	666.52	398.57	5.677
390.00	1.9579	494.96	295.69	5.300	530.00	2.6424	669.00	400.06	5.681
392.00	1.9677	497.45	297.18	5.306	532.00	2.6521	671.48	401.55	5.686
394.00	1.9775	499.94	298.67	5.313	534.00	2.6619	673.97	403.04	5.691
396.00	1.9872	502.43	300.16	5.319	536.00	2.6717	676.45	404.53	5.695
398.00	1.9970	504.91	301.65	5.325	538.00	2.6814	678.94	406.02	5.700
400.00	2.0068	507.40	303.15	5.332	540.00	2.6912	681.42	407.51	5.705

600.00 PSIA ISOBAR

TEMPERATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)	TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)
					122.00	.5883	159.89	94.56	3.799
					124.00	.5975	162.43	96.09	3.820
					126.00	.6067	164.98	97.61	3.840
					128.00	.6159	167.52	99.13	3.860
					130.00	.6251	170.06	100.65	3.880
					132.00	.6343	172.60	102.17	3.899
					134.00	.6434	175.14	103.69	3.918
					136.00	.6526	177.67	105.21	3.937
					138.00	.6618	180.21	106.73	3.955
					140.00	.6709	182.74	108.25	3.974
					142.00	.6801	185.27	109.76	3.992
					144.00	.6892	187.81	111.28	4.009
6.00	.0871	12.17	2.51	.437	146.00	.6984	190.34	112.79	4.027
8.00	.0890	13.20	3.32	.576	148.00	.7075	192.86	114.31	4.044
10.00	.0914	14.35	4.19	.709	150.00	.7166	195.39	115.82	4.061
12.00	.0945	15.69	5.19	.839	152.00	.7258	197.92	117.33	4.078
14.00	.0983	17.25	6.34	.959	154.00	.7349	200.44	118.84	4.094
16.00	.1028	19.24	7.82	1.092	156.00	.7440	202.97	120.36	4.110
18.00	.1081	21.49	9.49	1.224	158.00	.7531	205.49	121.87	4.126
20.00	.1141	23.94	11.27	1.353	160.00	.7623	208.01	123.38	4.142
22.00	.1208	26.52	13.11	1.476	162.00	.7714	210.54	124.89	4.158
24.00	.1281	29.21	14.99	1.593	164.00	.7805	213.06	126.40	4.173
26.00	.1361	31.97	16.87	1.704	166.00	.7896	215.58	127.91	4.189
28.00	.1445	34.79	18.74	1.808	168.00	.7987	218.10	129.41	4.204
30.00	.1533	37.63	20.60	1.906	170.00	.8078	220.61	130.92	4.219
32.00	.1625	40.48	22.45	1.998	172.00	.8169	223.13	132.43	4.233
34.00	.1718	43.34	24.27	2.085	174.00	.8260	225.65	133.94	4.248
36.00	.1813	46.20	26.06	2.166	176.00	.8351	228.17	135.44	4.262
38.00	.1909	49.04	27.84	2.243	178.00	.8442	230.68	136.95	4.277
40.00	.2006	51.87	29.60	2.316	180.00	.8532	233.20	138.46	4.291
42.00	.2104	54.69	31.33	2.385	182.00	.8623	235.71	139.96	4.304
44.00	.2201	57.49	33.05	2.450	184.00	.8714	238.22	141.47	4.318
46.00	.2299	60.27	34.75	2.512	186.00	.8805	240.74	142.97	4.332
48.00	.2396	63.04	36.44	2.571	188.00	.8895	243.25	144.48	4.345
50.00	.2493	65.80	38.11	2.627	190.00	.8986	245.76	145.98	4.359
52.00	.2591	68.54	39.77	2.680	192.00	.9077	248.27	147.49	4.372
54.00	.2688	71.26	41.42	2.732	194.00	.9168	250.78	148.99	4.385
56.00	.2785	73.98	43.06	2.781	196.00	.9258	253.29	150.49	4.398
58.00	.2881	76.68	44.69	2.829	198.00	.9349	255.80	152.00	4.410
60.00	.2978	79.37	46.31	2.874	200.00	.9439	258.31	153.50	4.423
62.00	.3074	82.06	47.93	2.918	202.00	.9530	260.82	155.00	4.435
64.00	.3170	84.73	49.53	2.961	204.00	.9621	263.33	156.51	4.448
66.00	.3265	87.39	51.14	3.002	206.00	.9711	265.83	158.01	4.460
68.00	.3361	90.05	52.73	3.041	208.00	.9802	268.34	159.51	4.472
70.00	.3456	92.69	54.32	3.080	210.00	.9892	270.85	161.01	4.484
72.00	.3551	95.33	55.90	3.117	212.00	.9983	273.35	162.51	4.496
74.00	.3646	97.97	57.48	3.153	214.00	1.0073	275.86	164.01	4.508
76.00	.3741	100.60	59.06	3.188	216.00	1.0164	278.37	165.52	4.519
78.00	.3835	103.22	60.63	3.222	218.00	1.0254	280.87	167.02	4.531
80.00	.3930	105.83	62.20	3.255	220.00	1.0344	283.38	168.52	4.542
82.00	.4024	108.44	63.76	3.287	222.00	1.0435	285.88	170.02	4.554
84.00	.4118	111.05	65.32	3.319	224.00	1.0525	288.38	171.52	4.565
86.00	.4212	113.65	66.88	3.349	226.00	1.0616	290.89	173.02	4.576
88.00	.4306	116.24	68.44	3.379	228.00	1.0706	293.39	174.52	4.587
90.00	.4399	118.84	69.99	3.408	230.00	1.0796	295.89	176.02	4.598
92.00	.4493	121.43	71.54	3.437	232.00	1.0887	298.39	177.52	4.609
94.00	.4586	124.01	73.09	3.465	234.00	1.0977	300.90	179.01	4.620
96.00	.4679	126.59	74.63	3.492	236.00	1.1067	303.40	180.51	4.630
98.00	.4773	129.17	76.17	3.518	238.00	1.1158	305.90	182.01	4.641
100.00	.4866	131.74	77.72	3.544	240.00	1.1248	308.40	183.51	4.651
102.00	.4959	134.31	79.26	3.570	242.00	1.1338	310.90	185.01	4.662
104.00	.5051	136.88	80.79	3.595	244.00	1.1428	313.40	186.51	4.672
106.00	.5144	139.45	82.33	3.619	246.00	1.1519	315.90	188.01	4.682
108.00	.5237	142.01	83.86	3.643	248.00	1.1609	318.40	189.50	4.692
110.00	.5329	144.57	85.40	3.667	250.00	1.1699	320.90	191.00	4.702
112.00	.5422	147.13	86.93	3.690	252.00	1.1789	323.40	192.50	4.712
114.00	.5514	149.68	88.46	3.712	254.00	1.1879	325.90	194.00	4.722
116.00	.5607	152.24	89.99	3.735	256.00	1.1970	328.40	195.50	4.732
118.00	.5699	154.79	91.51	3.756	258.00	1.2060	330.90	196.99	4.742
120.00	.5791	157.34	93.04	3.778	260.00	1.2150	333.40	198.49	4.751

TEMPERATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)	TEMPERATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)
262.00	1.2240	335.89	199.99	4.761	402.00	1.8533	510.35	304.57	5.294
264.00	1.2330	338.39	201.48	4.770	404.00	1.8623	512.84	306.06	5.301
266.00	1.2420	340.89	202.98	4.780	406.00	1.8712	515.33	307.55	5.307
268.00	1.2510	343.39	204.48	4.789	408.00	1.8802	517.81	309.05	5.313
270.00	1.2601	345.88	205.97	4.798	410.00	1.8892	520.30	310.54	5.319
272.00	1.2691	348.38	207.47	4.808	412.00	1.8982	522.79	312.03	5.325
274.00	1.2781	350.88	208.97	4.817	414.00	1.9071	525.28	313.52	5.331
276.00	1.2871	353.37	210.46	4.826	416.00	1.9161	527.77	315.01	5.337
278.00	1.2961	355.87	211.96	4.835	418.00	1.9251	530.25	316.51	5.343
280.00	1.3051	358.37	213.46	4.844	420.00	1.9340	532.74	318.00	5.349
282.00	1.3141	360.86	214.95	4.853	422.00	1.9430	535.23	319.49	5.355
284.00	1.3231	363.36	216.45	4.861	424.00	1.9520	537.72	320.98	5.361
286.00	1.3321	365.85	217.94	4.870	426.00	1.9609	540.21	322.47	5.367
288.00	1.3411	368.35	219.44	4.879	428.00	1.9699	542.69	323.96	5.372
290.00	1.3501	370.84	220.93	4.888	430.00	1.9789	545.18	325.46	5.378
292.00	1.3591	373.34	222.43	4.896	432.00	1.9879	547.67	326.95	5.384
294.00	1.3681	375.83	223.92	4.905	434.00	1.9968	550.16	328.44	5.390
296.00	1.3771	378.33	225.42	4.913	436.00	2.0058	552.64	329.93	5.395
298.00	1.3861	380.82	226.91	4.922	438.00	2.0148	555.13	331.42	5.401
300.00	1.3951	383.32	228.41	4.930	440.00	2.0237	557.62	332.91	5.407
302.00	1.4041	385.81	229.90	4.938	442.00	2.0327	560.10	334.40	5.412
304.00	1.4131	388.30	231.40	4.946	444.00	2.0417	562.59	335.90	5.418
306.00	1.4221	390.80	232.89	4.955	446.00	2.0506	565.08	337.39	5.424
308.00	1.4311	393.29	234.39	4.963	448.00	2.0596	567.57	338.88	5.429
310.00	1.4401	395.78	235.88	4.971	450.00	2.0686	570.05	340.37	5.435
312.00	1.4491	398.28	237.38	4.979	452.00	2.0775	572.54	341.86	5.440
314.00	1.4581	400.77	238.87	4.987	454.00	2.0865	575.03	343.35	5.446
316.00	1.4671	403.26	240.37	4.995	456.00	2.0955	577.51	344.84	5.451
318.00	1.4761	405.76	241.86	5.003	458.00	2.1044	580.00	346.34	5.457
320.00	1.4851	408.25	243.36	5.010	460.00	2.1134	582.49	347.83	5.462
322.00	1.4940	410.74	244.85	5.018	462.00	2.1224	584.97	349.32	5.467
324.00	1.5030	413.23	246.34	5.026	464.00	2.1313	587.46	350.81	5.473
326.00	1.5120	415.73	247.84	5.033	466.00	2.1403	589.95	352.30	5.478
328.00	1.5210	418.22	249.33	5.041	468.00	2.1493	592.43	353.79	5.483
330.00	1.5300	420.71	250.83	5.049	470.00	2.1582	594.92	355.28	5.489
332.00	1.5390	423.20	252.32	5.056	472.00	2.1672	597.40	356.77	5.494
334.00	1.5480	425.69	253.81	5.064	474.00	2.1761	599.89	358.26	5.499
336.00	1.5570	428.19	255.31	5.071	476.00	2.1851	602.38	359.75	5.505
338.00	1.5660	430.68	256.80	5.079	478.00	2.1941	604.86	361.25	5.510
340.00	1.5749	433.17	258.29	5.086	480.00	2.2030	607.35	362.74	5.515
342.00	1.5839	435.66	259.79	5.093	482.00	2.2120	609.84	364.23	5.520
344.00	1.5929	438.15	261.28	5.100	484.00	2.2210	612.32	365.72	5.525
346.00	1.6019	440.64	262.78	5.108	486.00	2.2299	614.81	367.21	5.530
348.00	1.6109	443.13	264.27	5.115	488.00	2.2389	617.29	368.70	5.535
350.00	1.6199	445.62	265.76	5.122	490.00	2.2478	619.78	370.19	5.541
352.00	1.6288	448.11	267.25	5.129	492.00	2.2568	622.27	371.68	5.546
354.00	1.6378	450.60	268.75	5.136	494.00	2.2658	624.75	373.17	5.551
356.00	1.6468	453.09	270.24	5.143	496.00	2.2747	627.24	374.66	5.556
358.00	1.6558	455.59	271.73	5.150	498.00	2.2837	629.72	376.15	5.561
360.00	1.6648	458.08	273.23	5.157	500.00	2.2927	632.21	377.65	5.566
362.00	1.6738	460.57	274.72	5.164	502.00	2.3016	634.69	379.14	5.571
364.00	1.6827	463.06	276.21	5.171	504.00	2.3106	637.18	380.63	5.576
366.00	1.6917	465.55	277.71	5.178	506.00	2.3195	639.67	382.12	5.580
368.00	1.7007	468.04	279.20	5.184	508.00	2.3285	642.15	383.61	5.585
370.00	1.7097	470.53	280.69	5.191	510.00	2.3375	644.64	385.10	5.590
372.00	1.7187	473.01	282.18	5.198	512.00	2.3464	647.12	386.59	5.595
374.00	1.7276	475.50	283.68	5.205	514.00	2.3554	649.61	388.08	5.600
376.00	1.7366	477.99	285.17	5.211	516.00	2.3643	652.09	389.57	5.605
378.00	1.7456	480.48	286.66	5.218	518.00	2.3733	654.58	391.06	5.610
380.00	1.7546	482.97	288.15	5.224	520.00	2.3823	657.06	392.55	5.614
382.00	1.7635	485.46	289.65	5.231	522.00	2.3912	659.55	394.04	5.619
384.00	1.7725	487.95	291.14	5.237	524.00	2.4002	662.03	395.53	5.624
386.00	1.7815	490.44	292.63	5.244	526.00	2.4091	664.52	397.02	5.629
388.00	1.7905	492.93	294.12	5.250	528.00	2.4181	667.01	398.51	5.633
390.00	1.7994	495.42	295.62	5.257	530.00	2.4271	669.49	400.00	5.638
392.00	1.8084	497.91	297.11	5.263	532.00	2.4360	671.98	401.49	5.643
394.00	1.8174	500.40	298.60	5.269	534.00	2.4450	674.46	402.98	5.647
396.00	1.8264	502.88	300.09	5.276	536.00	2.4539	676.95	404.47	5.652
398.00	1.8353	505.37	301.59	5.282	538.00	2.4629	679.43	405.97	5.657
400.00	1.8443	507.86	303.08	5.288	540.00	2.4718	681.92	407.46	5.661

650.00 PSIA ISOBAR

TEMPERATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB-R)	ENTROPY (BTU/LB)	TEMPERATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB-R)	ENTROPY (BTU/LB)
122.00		.5466	160.14	94.39	3.758				
124.00		.5551	162.69	95.91	3.779				
126.00		.5636	165.23	97.44	3.799				
128.00		.5721	167.78	98.96	3.819				
130.00		.5806	170.32	100.48	3.839				
132.00		.5891	172.87	102.01	3.858				
134.00		.5976	175.41	103.53	3.877				
136.00		.6061	177.95	105.05	3.896				
138.00		.6145	180.49	106.57	3.915				
140.00		.6230	183.02	108.09	3.933				
					142.00		.6314	185.56	109.60
					144.00		.6399	188.09	111.12
6.00	.0861	12.93	2.57	.429	146.00		.6484	190.63	112.64
8.00	.0879	13.94	3.37	.566	148.00		.6568	193.16	114.15
10.00	.0902	15.06	4.22	.697	150.00		.6652	195.69	115.67
12.00	.0930	16.37	5.18	.824	152.00		.6737	198.22	117.18
14.00	.0965	17.90	6.29	.941	154.00		.6821	200.74	118.70
16.00	.1006	19.83	7.73	1.070	156.00		.6905	203.27	120.21
18.00	.1053	22.03	9.36	1.200	158.00		.6990	205.80	121.72
20.00	.1107	24.42	11.10	1.325	160.00		.7074	208.32	123.23
22.00	.1167	26.95	12.91	1.446	162.00		.7158	210.85	124.74
24.00	.1233	29.57	14.75	1.560	164.00		.7242	213.37	126.26
26.00	.1303	32.27	16.60	1.668	166.00		.7326	215.89	127.77
28.00	.1379	35.03	18.45	1.770	168.00		.7411	218.42	129.28
30.00	.1458	37.83	20.29	1.867	170.00		.7495	220.94	130.79
32.00	.1540	40.65	22.12	1.957	172.00		.7579	223.46	132.29
34.00	.1624	43.48	23.94	2.043	174.00		.7663	225.98	133.80
36.00	.1711	46.31	25.73	2.124	176.00		.7747	228.49	135.31
38.00	.1798	49.14	27.51	2.201	178.00		.7831	231.01	136.82
40.00	.1886	51.95	29.26	2.273	180.00		.7915	233.53	138.33
42.00	.1975	54.76	31.00	2.341	182.00		.7999	236.05	139.83
44.00	.2065	57.56	32.72	2.407	184.00		.8082	238.56	141.34
46.00	.2154	60.34	34.43	2.468	186.00		.8166	241.08	142.85
48.00	.2244	63.11	36.12	2.527	188.00		.8250	243.59	144.35
50.00	.2334	65.87	37.80	2.584	190.00		.8334	246.10	145.86
52.00	.2423	68.61	39.46	2.637	192.00		.8418	248.62	147.36
54.00	.2513	71.34	41.12	2.689	194.00		.8501	251.13	148.87
56.00	.2602	74.06	42.76	2.738	196.00		.8585	253.64	150.37
58.00	.2691	76.77	44.40	2.786	198.00		.8669	256.15	151.88
60.00	.2780	79.47	46.03	2.832	200.00		.8753	258.66	153.38
62.00	.2869	82.16	47.65	2.876	202.00		.8836	261.17	154.88
64.00	.2957	84.83	49.26	2.918	204.00		.8920	263.68	156.39
66.00	.3046	87.50	50.87	2.959	206.00		.9004	266.19	157.89
68.00	.3134	90.16	52.47	2.999	208.00		.9087	268.70	159.39
70.00	.3222	92.82	54.06	3.037	210.00		.9171	271.21	160.90
72.00	.3310	95.46	55.65	3.075	212.00		.9255	273.72	162.40
74.00	.3398	98.10	57.23	3.111	214.00		.9338	276.23	163.90
76.00	.3485	100.74	58.81	3.146	216.00		.9422	278.73	165.40
78.00	.3573	103.36	60.39	3.180	218.00		.9505	281.24	166.90
80.00	.3660	105.99	61.96	3.213	220.00		.9589	283.75	168.40
82.00	.3747	108.60	63.53	3.246	222.00		.9672	286.25	169.91
84.00	.3834	111.21	65.09	3.277	224.00		.9756	288.76	171.41
86.00	.3921	113.82	66.65	3.308	226.00		.9839	291.26	172.91
88.00	.4008	116.42	68.21	3.338	228.00		.9923	293.77	174.41
90.00	.4094	119.02	69.77	3.367	230.00		1.0006	296.27	175.91
92.00	.4181	121.61	71.32	3.395	232.00		1.0090	298.77	177.41
94.00	.4267	124.20	72.87	3.423	234.00		1.0173	301.28	178.91
96.00	.4353	126.79	74.42	3.450	236.00		1.0256	303.78	180.41
98.00	.4439	129.37	75.97	3.477	238.00		1.0340	306.28	181.91
100.00	.4525	131.95	77.51	3.503	240.00		1.0423	308.79	183.41
102.00	.4611	134.52	79.05	3.529	242.00		1.0507	311.29	184.91
104.00	.4697	137.10	80.59	3.553	244.00		1.0590	313.79	186.41
106.00	.4783	139.67	82.13	3.578	246.00		1.0673	316.29	187.90
108.00	.4869	142.23	83.67	3.602	248.00		1.0757	318.79	189.40
110.00	.4954	144.80	85.20	3.625	250.00		1.0840	321.29	190.90
112.00	.5040	147.36	86.74	3.649	252.00		1.0923	323.79	192.40
114.00	.5125	149.92	88.27	3.671	254.00		1.1007	326.29	193.90
116.00	.5211	152.48	89.80	3.693	256.00		1.1090	328.79	195.40
118.00	.5296	155.03	91.33	3.715	258.00		1.1173	331.29	196.89
120.00	.5381	157.59	92.86	3.737	260.00		1.1256	333.79	198.39

TEMPERATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)	TEMPERATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)
262.00	1.1340	336.29	199.89	4.721	402.00	1.7151	510.81	304.50	5.255
264.00	1.1423	338.79	201.39	4.730	404.00	1.7234	513.30	306.00	5.261
266.00	1.1506	341.29	202.89	4.740	406.00	1.7317	515.79	307.49	5.267
268.00	1.1589	343.79	204.38	4.749	408.00	1.7400	518.28	308.98	5.273
270.00	1.1673	346.29	205.88	4.758	410.00	1.7482	520.77	310.47	5.279
272.00	1.1756	348.79	207.38	4.768	412.00	1.7565	523.25	311.97	5.285
274.00	1.1839	351.28	208.87	4.777	414.00	1.7648	525.74	313.46	5.291
276.00	1.1922	353.78	210.37	4.786	416.00	1.7731	528.23	314.95	5.297
278.00	1.2005	356.28	211.87	4.795	418.00	1.7814	530.72	316.44	5.303
280.00	1.2089	358.78	213.36	4.804	420.00	1.7897	533.21	317.93	5.309
282.00	1.2172	361.27	214.86	4.813	422.00	1.7979	535.70	319.43	5.315
284.00	1.2255	363.77	216.36	4.821	424.00	1.8062	538.18	320.92	5.321
286.00	1.2338	366.27	217.85	4.830	426.00	1.8145	540.67	322.41	5.327
288.00	1.2421	368.76	219.35	4.839	428.00	1.8228	543.16	323.90	5.332
290.00	1.2504	371.26	220.85	4.848	430.00	1.8311	545.65	325.39	5.338
292.00	1.2588	373.75	222.34	4.856	432.00	1.8394	548.14	326.89	5.344
294.00	1.2671	376.25	223.84	4.865	434.00	1.8476	550.62	328.38	5.350
296.00	1.2754	378.75	225.33	4.873	436.00	1.8559	553.11	329.87	5.356
298.00	1.2837	381.24	226.83	4.882	438.00	1.8642	555.60	331.36	5.361
300.00	1.2920	383.74	228.32	4.890	440.00	1.8725	558.09	332.85	5.367
302.00	1.3003	386.23	229.82	4.898	442.00	1.8808	560.58	334.34	5.373
304.00	1.3086	388.73	231.31	4.906	444.00	1.8890	563.06	335.84	5.378
306.00	1.3169	391.22	232.81	4.915	446.00	1.8973	565.55	337.33	5.384
308.00	1.3252	393.72	234.31	4.923	448.00	1.9056	568.04	338.82	5.389
310.00	1.3335	396.21	235.80	4.931	450.00	1.9139	570.53	340.31	5.395
312.00	1.3419	398.70	237.30	4.939	452.00	1.9222	573.01	341.80	5.400
314.00	1.3502	401.20	238.79	4.947	454.00	1.9304	575.50	343.29	5.406
316.00	1.3585	403.69	240.29	4.955	456.00	1.9387	577.99	344.78	5.411
318.00	1.3668	406.19	241.78	4.963	458.00	1.9470	580.47	346.28	5.417
320.00	1.3751	408.68	243.27	4.970	460.00	1.9553	582.96	347.77	5.422
322.00	1.3834	411.17	244.77	4.978	462.00	1.9635	585.45	349.26	5.428
324.00	1.3917	413.67	246.26	4.986	464.00	1.9718	587.94	350.75	5.433
326.00	1.4000	416.16	247.76	4.994	466.00	1.9801	590.42	352.24	5.438
328.00	1.4083	418.65	249.25	5.001	468.00	1.9884	592.91	353.73	5.444
330.00	1.4166	421.14	250.75	5.009	470.00	1.9967	595.40	355.22	5.449
332.00	1.4249	423.64	252.24	5.016	472.00	2.0049	597.88	356.72	5.454
334.00	1.4332	426.13	253.74	5.024	474.00	2.0132	600.37	358.21	5.459
336.00	1.4415	428.62	255.23	5.031	476.00	2.0215	602.86	359.70	5.465
338.00	1.4498	431.11	256.72	5.039	478.00	2.0298	605.34	361.19	5.470
340.00	1.4581	433.61	258.22	5.046	480.00	2.0380	607.83	362.68	5.475
342.00	1.4664	436.10	259.71	5.053	482.00	2.0463	610.32	364.17	5.480
344.00	1.4747	438.59	261.21	5.060	484.00	2.0546	612.80	365.66	5.485
346.00	1.4830	441.08	262.70	5.068	486.00	2.0629	615.29	367.15	5.491
348.00	1.4913	443.57	264.19	5.075	488.00	2.0711	617.78	368.64	5.496
350.00	1.4996	446.07	265.69	5.082	490.00	2.0794	620.26	370.14	5.501
352.00	1.5079	448.56	267.18	5.089	492.00	2.0877	622.75	371.63	5.506
354.00	1.5162	451.05	268.67	5.096	494.00	2.0960	625.24	373.12	5.511
356.00	1.5244	453.54	270.17	5.103	496.00	2.1042	627.72	374.61	5.516
358.00	1.5327	456.03	271.66	5.110	498.00	2.1125	630.21	376.10	5.521
360.00	1.5410	458.52	273.15	5.117	500.00	2.1208	632.69	377.59	5.526
362.00	1.5493	461.01	274.65	5.124	502.00	2.1290	635.18	379.08	5.531
364.00	1.5576	463.50	276.14	5.131	504.00	2.1373	637.67	380.57	5.536
366.00	1.5659	465.99	277.63	5.138	506.00	2.1456	640.15	382.06	5.541
368.00	1.5742	468.48	279.13	5.144	508.00	2.1539	642.64	383.55	5.546
370.00	1.5825	470.97	280.62	5.151	510.00	2.1621	645.12	385.04	5.550
372.00	1.5908	473.47	282.11	5.158	512.00	2.1704	647.61	386.54	5.555
374.00	1.5991	475.96	283.61	5.165	514.00	2.1787	650.10	388.03	5.560
376.00	1.6074	478.45	285.10	5.171	516.00	2.1870	652.58	389.52	5.565
378.00	1.6157	480.94	286.59	5.178	518.00	2.1952	655.07	391.01	5.570
380.00	1.6239	483.43	288.09	5.184	520.00	2.2035	657.55	392.50	5.575
382.00	1.6322	485.92	289.58	5.191	522.00	2.2118	660.04	393.99	5.579
384.00	1.6405	488.41	291.07	5.197	524.00	2.2200	662.52	395.48	5.584
386.00	1.6488	490.90	292.56	5.204	526.00	2.2283	665.01	396.97	5.589
388.00	1.6571	493.38	294.06	5.210	528.00	2.2366	667.50	398.46	5.594
390.00	1.6654	495.87	295.55	5.217	530.00	2.2449	669.98	399.95	5.598
392.00	1.6737	498.36	297.04	5.223	532.00	2.2531	672.47	401.44	5.603
394.00	1.6820	500.85	298.53	5.229	534.00	2.2614	674.95	402.93	5.608
396.00	1.6902	503.34	300.03	5.236	536.00	2.2697	677.44	404.42	5.612
398.00	1.6985	505.83	301.52	5.242	538.00	2.2779	679.92	405.91	5.617
400.00	1.7068	508.32	303.01	5.248	540.00	2.2862	682.41	407.40	5.621

TEMPERATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)	TEMPERATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)
122.00		.5109	160.39	94.21	3.720				
124.00		.5188	162.95	95.74	3.741				
126.00		.5267	165.50	97.27	3.761				
128.00		.5346	168.05	98.79	3.781				
130.00		.5425	170.60	100.32	3.801				
132.00		.5504	173.14	101.84	3.820				
134.00		.5583	175.69	103.37	3.839				
136.00		.5662	178.23	104.89	3.858				
138.00		.5740	180.77	106.41	3.877				
140.00		.5819	183.31	107.93	3.895				
					142.00		.5898	185.85	109.45
					144.00		.5976	188.38	110.97
6.00	.0652	13.68	2.64	.422	146.00		.6055	190.92	112.49
8.00	.0869	14.68	3.42	.557	148.00		.6133	193.45	114.00
10.00	.0890	15.78	4.25	.685	150.00		.6212	195.99	115.52
12.00	.0917	17.06	5.18	.810	152.00		.6290	198.52	117.03
14.00	.0949	18.55	6.26	.924	154.00		.6369	201.05	118.55
16.00	.0986	20.44	7.66	1.051	156.00		.6447	203.58	120.06
18.00	.1030	22.60	9.26	1.177	158.00		.6525	206.11	121.58
20.00	.1078	24.93	10.96	1.300	160.00		.6604	208.64	123.09
					142.00		.5898	185.85	109.45
					144.00		.5976	188.38	110.97
6.00	.0652	13.68	2.64	.422	146.00		.6055	190.92	112.49
8.00	.0869	14.68	3.42	.557	148.00		.6133	193.45	114.00
10.00	.0890	15.78	4.25	.685	150.00		.6212	195.99	115.52
12.00	.0917	17.06	5.18	.810	152.00		.6290	198.52	117.03
14.00	.0949	18.55	6.26	.924	154.00		.6369	201.05	118.55
16.00	.0986	20.44	7.66	1.051	156.00		.6447	203.58	120.06
18.00	.1030	22.60	9.26	1.177	158.00		.6525	206.11	121.58
20.00	.1078	24.93	10.96	1.300	160.00		.6604	208.64	123.09
					142.00		.5898	185.85	109.45
					144.00		.5976	188.38	110.97
22.00	.1132	27.40	12.73	1.418	162.00		.6682	211.16	124.60
24.00	.1191	29.97	14.54	1.530	164.00		.6760	213.69	126.12
26.00	.1255	32.62	16.36	1.636	166.00		.6838	216.21	127.63
28.00	.1323	35.33	18.19	1.736	168.00		.6917	218.74	129.14
30.00	.1394	38.08	20.02	1.831	170.00		.6995	221.26	130.65
32.00	.1469	40.86	21.84	1.921	172.00		.7073	223.78	132.16
34.00	.1545	43.66	23.64	2.006	174.00		.7151	226.31	133.67
36.00	.1624	46.47	25.43	2.086	176.00		.7229	228.83	135.18
38.00	.1704	49.27	27.20	2.162	178.00		.7307	231.35	136.69
40.00	.1785	52.08	28.96	2.234	180.00		.7385	233.86	138.20
					142.00		.5898	185.85	109.45
					144.00		.5976	188.38	110.97
42.00	.1867	54.88	30.69	2.302	182.00		.7463	236.38	139.71
44.00	.1949	57.67	32.42	2.367	184.00		.7541	238.90	141.21
46.00	.2032	60.45	34.13	2.429	186.00		.7619	241.42	142.72
48.00	.2115	63.21	35.82	2.487	188.00		.7697	243.93	144.23
50.00	.2197	65.97	37.50	2.544	190.00		.7775	246.45	145.73
52.00	.2280	68.71	39.17	2.598	192.00		.7853	248.96	147.24
54.00	.2363	71.45	40.83	2.649	194.00		.7931	251.48	148.75
56.00	.2446	74.17	42.48	2.699	196.00		.8008	253.99	150.25
58.00	.2529	76.88	44.12	2.746	198.00		.8086	256.51	151.76
60.00	.2611	79.58	45.75	2.792	200.00		.8164	259.02	153.26
					142.00		.5898	185.85	109.45
					144.00		.5976	188.38	110.97
62.00	.2694	82.28	47.38	2.836	202.00		.8242	261.53	154.77
64.00	.2776	84.96	49.00	2.879	204.00		.8320	254.04	156.27
66.00	.2858	87.63	50.61	2.920	206.00		.8397	266.55	157.77
68.00	.2940	90.30	52.21	2.960	208.00		.8475	269.06	159.28
70.00	.3022	92.96	53.81	2.998	210.00		.8553	271.57	160.78
72.00	.3104	95.61	55.40	3.036	212.00		.8630	274.08	162.28
74.00	.3185	98.25	56.99	3.072	214.00		.8708	276.59	163.79
76.00	.3267	100.89	58.57	3.107	216.00		.8786	279.10	165.29
78.00	.3348	103.53	60.15	3.141	218.00		.8863	281.61	166.79
80.00	.3429	106.15	61.73	3.174	220.00		.8941	284.12	168.30
					142.00		.5898	185.85	109.45
					144.00		.5976	188.38	110.97
82.00	.3510	108.77	63.30	3.207	222.00		.9019	286.63	169.80
84.00	.3591	111.39	64.87	3.238	224.00		.9096	289.13	171.30
86.00	.3672	114.00	66.43	3.269	226.00		.9174	291.64	172.80
88.00	.3753	116.61	68.00	3.299	228.00		.9251	294.14	174.30
90.00	.3833	119.21	69.55	3.328	230.00		.9329	296.65	175.80
92.00	.3914	121.81	71.11	3.357	232.00		.9406	299.16	177.30
94.00	.3994	124.40	72.66	3.385	234.00		.9484	301.66	178.80
96.00	.4074	126.99	74.22	3.412	236.00		.9561	304.16	180.31
98.00	.4154	129.58	75.76	3.439	238.00		.9639	306.67	181.81
100.00	.4234	132.16	77.31	3.465	240.00		.9716	309.17	183.31
					142.00		.5898	185.85	109.45
					144.00		.5976	188.38	110.97
102.00	.4314	134.74	78.86	3.490	242.00		.9794	311.68	184.81
104.00	.4394	137.32	80.40	3.515	244.00		.9871	314.18	186.31
106.00	.4474	139.89	81.94	3.540	246.00		.9949	316.68	187.80
108.00	.4553	142.46	83.48	3.564	248.00	1.0026	319.19	189.30	1.4615
110.00	.4633	145.03	85.02	3.587	250.00	1.0104	321.69	190.80	1.4625
112.00	.4712	147.60	86.55	3.610	252.00	1.0181	324.19	192.30	1.4635
114.00	.4792	150.16	88.09	3.633	254.00	1.0259	326.69	193.80	1.4645
116.00	.4871	152.72	89.62	3.655	256.00	1.0336	329.19	195.30	1.4655
118.00	.4951	155.28	91.15	3.677	258.00	1.0413	331.69	196.80	1.4664
120.00	.5030	157.84	92.68	3.699	260.00	1.0491	334.19	198.30	1.4674

TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)	TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)
262.00	1.0568	336.69	199.80	4.684	402.00	1.5967	511.27	304.44	5.218
264.00	1.0645	339.19	201.29	4.693	404.00	1.6044	513.76	305.93	5.224
266.00	1.0723	341.69	202.79	4.703	406.00	1.6121	516.25	307.42	5.230
268.00	1.0800	344.19	204.29	4.712	408.00	1.6197	518.74	308.92	5.236
270.00	1.0877	346.69	205.79	4.721	410.00	1.6274	521.23	310.41	5.242
272.00	1.0955	349.19	207.29	4.730	412.00	1.6351	523.72	311.90	5.248
274.00	1.1032	351.69	208.78	4.740	414.00	1.6428	526.21	313.39	5.254
276.00	1.1109	354.19	210.28	4.749	416.00	1.6505	528.70	314.89	5.260
278.00	1.1187	356.69	211.78	4.758	418.00	1.6582	531.18	316.38	5.266
280.00	1.1264	359.19	213.27	4.767	420.00	1.6659	533.67	317.87	5.272
282.00	1.1341	361.69	214.77	4.776	422.00	1.6736	536.16	319.36	5.278
284.00	1.1418	364.18	216.27	4.784	424.00	1.6813	538.65	320.86	5.284
286.00	1.1496	366.68	217.76	4.793	426.00	1.6890	541.14	322.35	5.290
288.00	1.1573	369.18	219.26	4.802	428.00	1.6967	543.63	323.84	5.296
290.00	1.1650	371.67	220.76	4.810	430.00	1.7044	546.12	325.33	5.301
292.00	1.1727	374.17	222.25	4.819	432.00	1.7121	548.61	326.82	5.307
294.00	1.1805	376.67	223.75	4.828	434.00	1.7198	551.09	328.32	5.313
296.00	1.1882	379.17	225.25	4.836	436.00	1.7274	553.58	329.81	5.319
298.00	1.1959	381.66	226.74	4.844	438.00	1.7351	556.07	331.30	5.324
300.00	1.2036	384.16	228.24	4.853	440.00	1.7428	558.56	332.79	5.330
302.00	1.2113	386.65	229.74	4.861	442.00	1.7505	561.05	334.28	5.336
304.00	1.2191	389.15	231.23	4.869	444.00	1.7582	563.53	335.78	5.341
306.00	1.2268	391.65	232.73	4.878	446.00	1.7659	566.02	337.27	5.347
308.00	1.2345	394.14	234.22	4.886	448.00	1.7736	568.51	338.76	5.352
310.00	1.2422	396.64	235.72	4.894	450.00	1.7813	571.00	340.25	5.358
312.00	1.2499	399.13	237.21	4.902	452.00	1.7890	573.49	341.74	5.363
314.00	1.2577	401.63	238.71	4.910	454.00	1.7967	575.97	343.23	5.369
316.00	1.2654	404.12	240.20	4.918	456.00	1.8043	578.46	344.73	5.374
318.00	1.2731	406.62	241.70	4.926	458.00	1.8120	580.95	346.22	5.380
320.00	1.2808	409.11	243.19	4.933	460.00	1.8197	583.44	347.71	5.385
322.00	1.2885	411.60	244.69	4.941	462.00	1.8274	585.92	349.20	5.391
324.00	1.2962	414.10	246.18	4.949	464.00	1.8351	588.41	350.69	5.396
326.00	1.3039	416.59	247.68	4.957	466.00	1.8428	590.90	352.18	5.401
328.00	1.3116	419.09	249.17	4.964	468.00	1.8505	593.39	353.68	5.407
330.00	1.3194	421.58	250.67	4.972	470.00	1.8582	595.87	355.17	5.412
332.00	1.3271	424.07	252.16	4.979	472.00	1.8659	598.36	356.66	5.417
334.00	1.3348	426.57	253.66	4.987	474.00	1.8735	600.85	358.15	5.423
336.00	1.3425	429.06	255.15	4.994	476.00	1.8812	603.34	359.64	5.428
338.00	1.3502	431.55	256.65	5.002	478.00	1.8889	605.82	361.13	5.433
340.00	1.3579	434.05	258.14	5.009	480.00	1.8966	608.31	362.62	5.438
342.00	1.3656	436.54	259.64	5.016	482.00	1.9043	610.80	364.12	5.443
344.00	1.3733	439.03	261.13	5.024	484.00	1.9120	613.28	365.61	5.449
346.00	1.3810	441.52	262.62	5.031	486.00	1.9197	615.77	367.10	5.454
348.00	1.3887	444.02	264.12	5.038	488.00	1.9273	618.26	368.59	5.459
350.00	1.3964	446.51	265.61	5.045	490.00	1.9350	620.74	370.08	5.464
352.00	1.4041	449.00	267.11	5.052	492.00	1.9427	623.23	371.57	5.469
354.00	1.4119	451.49	268.60	5.059	494.00	1.9504	625.72	373.06	5.474
356.00	1.4196	453.98	270.09	5.066	496.00	1.9581	628.20	374.55	5.479
358.00	1.4273	456.48	271.59	5.073	498.00	1.9658	630.69	376.05	5.484
360.00	1.4350	458.97	273.08	5.080	500.00	1.9734	633.18	377.54	5.489
362.00	1.4427	461.46	274.58	5.087	502.00	1.9811	635.66	379.03	5.494
364.00	1.4504	463.95	276.07	5.094	504.00	1.9888	638.15	380.52	5.499
366.00	1.4581	466.44	277.56	5.101	506.00	1.9965	640.64	382.01	5.504
368.00	1.4658	468.93	279.06	5.108	508.00	2.0042	643.12	383.50	5.509
370.00	1.4735	471.42	280.55	5.114	510.00	2.0119	645.61	384.99	5.514
372.00	1.4812	473.92	282.04	5.121	512.00	2.0196	648.10	386.48	5.518
374.00	1.4889	476.41	283.54	5.128	514.00	2.0272	650.58	387.97	5.523
376.00	1.4966	478.90	285.03	5.134	516.00	2.0349	653.07	389.46	5.528
378.00	1.5043	481.39	286.52	5.141	518.00	2.0426	655.56	390.96	5.533
380.00	1.5120	483.88	288.02	5.147	520.00	2.0503	658.04	392.45	5.538
382.00	1.5197	486.37	289.51	5.154	522.00	2.0580	660.53	393.94	5.542
384.00	1.5274	488.86	291.00	5.161	524.00	2.0656	663.01	395.43	5.547
386.00	1.5351	491.35	292.50	5.167	526.00	2.0733	665.50	396.92	5.552
388.00	1.5428	493.84	293.99	5.173	528.00	2.0810	667.99	398.41	5.557
390.00	1.5505	496.33	295.48	5.180	530.00	2.0887	670.47	399.90	5.561
392.00	1.5582	498.82	296.97	5.186	532.00	2.0964	672.96	401.39	5.566
394.00	1.5659	501.31	298.47	5.193	534.00	2.1041	675.44	402.88	5.571
396.00	1.5736	503.80	299.96	5.199	536.00	2.1117	677.93	404.37	5.575
398.00	1.5813	506.29	301.45	5.205	538.00	2.1194	680.41	405.86	5.580
400.00	1.5890	508.78	302.95	5.211	540.00	2.1271	682.90	407.35	5.585

TEMPER- ATURE (K)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/L8)	ENTROPY (BTU/L8-R)	TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/L8)	ENTHALPY (BTU/L8)	INTERNAL ENERGY (BTU/L8)	ENTROPY (BTU/L8-R)
122.00		.4799	160.66	94.04	3.685				
124.00		.4873	163.21	95.57	3.705				
126.00		.4947	165.77	97.10	3.726				
128.00		.5021	168.32	98.63	3.746				
130.00		.5095	170.87	100.16	3.766				
132.00		.5169	173.42	101.68	3.785				
134.00		.5242	175.97	103.21	3.804				
136.00		.5316	178.51	104.73	3.823				
138.00		.5390	181.06	106.25	3.842				
140.00		.5463	183.60	107.78	3.860				
6.00	.0844	14.42	2.71	.415	142.00	.5537	186.14	109.30	3.878
8.00	.0860	15.41	3.48	.549	144.00	.5610	188.68	110.82	3.896
10.00	.0880	16.49	4.28	.675	146.00	.5683	191.22	112.34	3.913
12.00	.0905	17.75	5.19	.797	148.00	.5757	193.76	113.86	3.930
14.00	.0934	19.20	6.24	.909	150.00	.5830	196.29	115.37	3.947
16.00	.0969	21.06	7.61	1.033	152.00	.5903	198.83	116.89	3.964
18.00	.1009	23.17	9.17	1.157	154.00	.5977	201.36	118.41	3.981
20.00	.1053	25.46	10.85	1.278	156.00	.6196	208.95	122.95	4.029
22.00	.1102	27.89	12.59	1.393	162.00	.6269	211.48	124.47	4.045
24.00	.1156	30.41	14.37	1.503	164.00	.6343	214.01	125.98	4.060
26.00	.1214	33.01	16.16	1.607	166.00	.6416	216.54	127.49	4.076
28.00	.1275	35.67	17.97	1.705	168.00	.6489	219.06	129.01	4.091
30.00	.1340	38.38	19.78	1.799	170.00	.6562	221.59	130.52	4.106
32.00	.1408	41.12	21.58	1.887	172.00	.6635	224.11	132.03	4.121
34.00	.1478	43.89	23.37	1.971	174.00	.6708	226.64	133.54	4.135
36.00	.1550	46.67	25.15	2.051	176.00	.6781	229.16	135.05	4.150
38.00	.1624	49.45	26.92	2.126	178.00	.6853	231.68	136.56	4.164
40.00	.1698	52.24	28.67	2.197	180.00	.6926	234.20	138.07	4.178
42.00	.1774	55.03	30.41	2.265	182.00	.6999	236.72	139.58	4.192
44.00	.1850	57.81	32.13	2.330	184.00	.7072	239.24	141.09	4.206
46.00	.1926	60.58	33.84	2.392	186.00	.7145	241.76	142.60	4.219
48.00	.2003	63.34	35.54	2.450	188.00	.7218	244.28	144.10	4.233
50.00	.2080	66.10	37.22	2.507	190.00	.7290	246.80	145.61	4.246
52.00	.2157	68.84	38.90	2.561	192.00	.7363	249.32	147.12	4.259
54.00	.2235	71.58	40.56	2.612	194.00	.7436	251.83	148.63	4.272
56.00	.2312	74.30	42.21	2.662	196.00	.7509	254.35	150.13	4.285
58.00	.2389	77.01	43.86	2.709	198.00	.7581	256.86	151.64	4.298
60.00	.2466	79.72	45.49	2.755	200.00	.7654	259.38	153.14	4.311
62.00	.2543	82.41	47.12	2.799	202.00	.7727	261.89	154.65	4.323
64.00	.2620	85.10	48.74	2.842	204.00	.7799	264.40	156.16	4.335
66.00	.2696	87.78	50.36	2.883	206.00	.7872	266.92	157.66	4.348
68.00	.2773	90.45	51.97	2.923	208.00	.7944	269.43	159.17	4.360
70.00	.2849	93.11	53.57	2.962	210.00	.8017	271.94	160.67	4.372
72.00	.2926	95.77	55.16	2.999	212.00	.8090	274.45	162.17	4.384
74.00	.3002	98.42	56.76	3.035	214.00	.8162	276.96	163.68	4.396
76.00	.3078	101.06	58.34	3.071	216.00	.8235	279.47	165.18	4.407
78.00	.3154	103.70	59.93	3.105	218.00	.8307	281.98	166.68	4.419
80.00	.3230	106.33	61.50	3.138	220.00	.8380	284.49	168.19	4.430
82.00	.3305	108.96	63.08	3.171	222.00	.8452	287.00	169.69	4.442
84.00	.3381	111.58	64.65	3.202	224.00	.8525	289.51	171.19	4.453
86.00	.3456	114.19	66.22	3.233	226.00	.8597	292.02	172.69	4.464
88.00	.3532	116.80	67.78	3.263	228.00	.8670	294.52	174.20	4.475
90.00	.3607	119.41	69.35	3.292	230.00	.8742	297.03	175.70	4.486
92.00	.3682	122.01	70.91	3.321	232.00	.8814	299.54	177.20	4.497
94.00	.3757	124.61	72.46	3.349	234.00	.8887	302.04	178.70	4.508
96.00	.3832	127.20	74.02	3.376	236.00	.8959	304.55	180.20	4.518
98.00	.3907	129.80	75.57	3.403	238.00	.9032	307.06	181.70	4.529
100.00	.3982	132.38	77.12	3.429	240.00	.9104	309.56	183.20	4.539
102.00	.4057	134.97	78.66	3.454	242.00	.9176	312.07	184.71	4.550
104.00	.4131	137.55	80.21	3.480	244.00	.9249	314.57	186.21	4.560
106.00	.4206	140.13	81.75	3.504	246.00	.9321	317.08	187.71	4.570
108.00	.4280	142.70	83.30	3.528	248.00	.9393	319.58	189.21	4.580
110.00	.4355	145.27	84.84	3.552	250.00	.9466	322.08	190.71	4.590
112.00	.4429	147.84	86.37	3.575	252.00	.9538	324.59	192.21	4.600
114.00	.4503	150.41	87.91	3.598	254.00	.9610	327.09	193.71	4.610
116.00	.4577	152.98	89.45	3.620	256.00	.9682	329.59	195.20	4.620
118.00	.4651	155.54	90.98	3.642	258.00	.9755	332.09	196.70	4.630
120.00	.4725	158.10	92.51	3.663	260.00	.9827	334.60	198.20	4.639

750.00 PSIA ISOBAR

TEMPERATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)	TEMPERATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)
262.00	.9899	337.10	199.70	4.649	402.00	1.4940	511.73	304.37	5.183
264.00	.9971	339.60	201.20	4.659	404.00	1.5012	514.22	305.87	5.189
266.00	1.0044	342.10	202.70	4.668	406.00	1.5084	516.71	307.36	5.195
268.00	1.0116	344.60	204.20	4.677	408.00	1.5156	519.20	308.85	5.202
270.00	1.0188	347.10	205.70	4.687	410.00	1.5227	521.69	310.34	5.208
272.00	1.0260	349.60	207.19	4.696	412.00	1.5299	524.18	311.84	5.214
274.00	1.0333	352.10	208.69	4.705	414.00	1.5371	526.67	313.33	5.220
276.00	1.0405	354.60	210.19	4.714	416.00	1.5443	529.16	314.82	5.226
278.00	1.0477	357.10	211.69	4.723	418.00	1.5515	531.65	316.32	5.232
280.00	1.0549	359.60	213.19	4.732	420.00	1.5587	534.14	317.81	5.238
282.00	1.0621	362.10	214.68	4.741	422.00	1.5658	536.63	319.30	5.244
284.00	1.0693	364.60	216.18	4.750	424.00	1.5730	539.12	320.79	5.249
286.00	1.0766	367.10	217.68	4.759	426.00	1.5802	541.61	322.29	5.255
288.00	1.0838	369.59	219.18	4.767	428.00	1.5874	544.10	323.78	5.261
290.00	1.0910	372.09	220.67	4.776	430.00	1.5946	546.59	325.27	5.267
292.00	1.0982	374.59	222.17	4.785	432.00	1.6017	549.07	326.76	5.273
294.00	1.1054	377.09	223.67	4.793	434.00	1.6089	551.56	328.25	5.279
296.00	1.1126	379.59	225.16	4.802	436.00	1.6161	554.05	329.75	5.284
298.00	1.1198	382.08	226.66	4.810	438.00	1.6233	556.54	331.24	5.290
300.00	1.1270	384.58	228.16	4.818	440.00	1.6305	559.03	332.73	5.296
302.00	1.1342	387.08	229.65	4.827	442.00	1.6376	561.52	334.22	5.301
304.00	1.1414	389.57	231.15	4.835	444.00	1.6448	564.01	335.72	5.307
306.00	1.1487	392.07	232.64	4.843	446.00	1.6520	566.50	337.21	5.312
308.00	1.1559	394.57	234.14	4.851	448.00	1.6592	568.98	338.70	5.318
310.00	1.1631	397.06	235.64	4.859	450.00	1.6664	571.47	340.19	5.324
312.00	1.1703	399.56	237.13	4.867	452.00	1.6735	573.96	341.68	5.329
314.00	1.1775	402.05	238.63	4.875	454.00	1.6807	576.45	343.18	5.335
316.00	1.1847	404.55	240.12	4.883	456.00	1.6879	578.94	344.67	5.340
318.00	1.1919	407.05	241.62	4.891	458.00	1.6951	581.43	346.16	5.345
320.00	1.1991	409.54	243.12	4.899	460.00	1.7023	583.91	347.65	5.351
322.00	1.2063	412.04	244.61	4.907	462.00	1.7094	586.40	349.14	5.356
324.00	1.2135	414.53	246.11	4.914	464.00	1.7166	588.89	350.64	5.362
326.00	1.2207	417.03	247.60	4.922	466.00	1.7238	591.38	352.13	5.367
328.00	1.2279	419.52	249.10	4.930	468.00	1.7310	593.86	353.62	5.372
330.00	1.2351	422.01	250.59	4.937	470.00	1.7381	596.35	355.11	5.378
332.00	1.2423	424.51	252.09	4.945	472.00	1.7453	598.84	356.60	5.383
334.00	1.2495	427.00	253.58	4.952	474.00	1.7525	601.33	358.09	5.388
336.00	1.2567	429.50	255.08	4.960	476.00	1.7597	603.82	359.59	5.393
338.00	1.2639	431.99	256.57	4.967	478.00	1.7668	606.30	361.08	5.399
340.00	1.2711	434.49	258.07	4.974	480.00	1.7740	608.79	362.57	5.404
342.00	1.2783	436.98	259.56	4.982	482.00	1.7812	611.28	364.06	5.409
344.00	1.2855	439.47	261.06	4.989	484.00	1.7884	613.77	365.55	5.414
346.00	1.2927	441.97	262.55	4.996	486.00	1.7955	616.25	367.04	5.419
348.00	1.2999	444.46	264.04	5.003	488.00	1.8027	618.74	368.53	5.424
350.00	1.3071	446.95	265.54	5.011	490.00	1.8099	621.23	370.03	5.429
352.00	1.3143	449.44	267.03	5.018	492.00	1.8171	623.71	371.52	5.435
354.00	1.3215	451.94	268.53	5.025	494.00	1.8242	626.20	373.01	5.440
356.00	1.3287	454.43	270.02	5.032	496.00	1.8314	628.69	374.50	5.445
358.00	1.3358	456.92	271.52	5.039	498.00	1.8386	631.18	375.99	5.450
360.00	1.3430	459.42	273.01	5.046	500.00	1.8458	633.66	377.48	5.455
362.00	1.3502	461.91	274.50	5.053	502.00	1.8529	636.15	378.97	5.460
364.00	1.3574	464.40	276.00	5.059	504.00	1.8601	638.64	380.47	5.465
366.00	1.3646	466.89	277.49	5.066	506.00	1.8673	641.12	381.96	5.469
368.00	1.3718	469.38	278.99	5.073	508.00	1.8745	643.61	383.45	5.474
370.00	1.3790	471.88	280.48	5.080	510.00	1.8816	646.10	384.94	5.479
372.00	1.3862	474.37	281.97	5.087	512.00	1.8888	648.58	386.43	5.484
374.00	1.3934	476.86	283.47	5.093	514.00	1.8960	651.07	387.92	5.489
376.00	1.4006	479.35	284.96	5.100	516.00	1.9031	653.56	389.41	5.494
378.00	1.4078	481.84	286.45	5.107	518.00	1.9103	656.04	390.90	5.499
380.00	1.4149	484.33	287.95	5.113	520.00	1.9175	658.53	392.39	5.503
382.00	1.4221	486.82	289.44	5.120	522.00	1.9247	661.02	393.89	5.508
384.00	1.4293	489.32	290.93	5.126	524.00	1.9318	663.50	395.38	5.513
386.00	1.4365	491.81	292.43	5.133	526.00	1.9390	665.99	396.87	5.518
388.00	1.4437	494.30	293.92	5.139	528.00	1.9462	668.48	398.36	5.522
390.00	1.4509	496.79	295.41	5.145	530.00	1.9533	670.96	399.85	5.527
392.00	1.4581	499.28	296.91	5.152	532.00	1.9605	673.45	401.34	5.532
394.00	1.4653	501.77	298.40	5.158	534.00	1.9677	675.93	402.83	5.536
396.00	1.4724	504.26	299.89	5.164	536.00	1.9749	678.42	404.32	5.541
398.00	1.4796	506.75	301.39	5.171	538.00	1.9820	680.91	405.81	5.546
400.00	1.4868	509.24	302.88	5.177	540.00	1.9892	683.39	407.30	5.550

TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)	TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)
122.00	.4529	160.93	93.88	3.651	124.00	.4598	163.49	95.41	3.672
126.00	.4668	166.04	96.94	3.693	128.00	.4737	168.60	98.47	3.713
130.00	.4806	171.15	100.00	3.733	132.00	.4875	173.70	101.53	3.752
134.00	.4945	176.25	103.05	3.771	136.00	.5014	178.80	104.58	3.790
138.00	.5083	181.35	106.10	3.809	140.00	.5152	183.89	107.63	3.827
142.00	.5221	186.44	109.15	3.845	144.00	.5290	188.98	110.67	3.863
6.00	.0836	15.16	2.78	.408	146.00	.5359	191.52	112.19	3.880
8.00	.0851	16.14	3.54	.541	148.00	.5427	194.06	113.71	3.898
10.00	.0870	17.20	4.32	.665	150.00	.5496	196.60	115.23	3.915
12.00	.0893	18.43	5.21	.785	152.00	.5565	199.14	116.75	3.931
14.00	.0921	19.86	6.23	.895	154.00	.5634	201.67	118.27	3.948
16.00	.0953	21.68	7.57	1.016	156.00	.5703	204.21	119.78	3.964
18.00	.0990	23.76	9.11	1.138	158.00	.5771	206.74	121.30	3.981
20.00	.1031	26.01	10.75	1.257	160.00	.5840	209.27	122.82	3.996
22.00	.1076	28.39	12.46	1.370	162.00	.5909	211.81	124.33	4.012
24.00	.1125	30.87	14.22	1.478	164.00	.5977	214.34	125.85	4.028
26.00	.1178	33.43	15.99	1.580	166.00	.6046	216.87	127.36	4.043
28.00	.1234	36.05	17.78	1.677	168.00	.6114	219.39	128.87	4.058
30.00	.1294	38.72	19.56	1.769	170.00	.6183	221.92	130.39	4.073
32.00	.1356	41.42	21.35	1.857	172.00	.6251	224.45	131.90	4.088
34.00	.1420	44.15	23.13	1.940	174.00	.6320	226.97	133.41	4.102
36.00	.1486	46.91	24.90	2.018	176.00	.6388	229.50	134.92	4.117
38.00	.1554	49.67	26.66	2.093	178.00	.6457	232.02	136.44	4.131
40.00	.1623	52.44	28.41	2.164	180.00	.6525	234.55	137.95	4.145
42.00	.1693	55.21	30.14	2.232	182.00	.6593	237.07	139.46	4.159
44.00	.1764	57.98	31.87	2.296	184.00	.6662	239.59	140.97	4.173
46.00	.1835	60.74	33.58	2.357	186.00	.6730	242.11	142.48	4.187
48.00	.1907	63.50	35.27	2.416	188.00	.6798	244.63	143.98	4.200
50.00	.1978	66.25	36.96	2.472	190.00	.6867	247.15	145.49	4.213
52.00	.2050	68.99	38.64	2.526	192.00	.6935	249.67	147.00	4.227
54.00	.2123	71.73	40.30	2.578	194.00	.7003	252.19	148.51	4.240
56.00	.2195	74.45	41.96	2.627	196.00	.7071	254.70	150.02	4.253
58.00	.2267	77.17	43.61	2.675	198.00	.7140	257.22	151.52	4.265
60.00	.2339	79.87	45.25	2.721	200.00	.7208	259.74	153.03	4.278
62.00	.2411	82.57	46.88	2.765	202.00	.7276	262.25	154.54	4.290
64.00	.2483	85.26	48.50	2.808	204.00	.7344	264.77	156.04	4.303
66.00	.2555	87.94	50.12	2.849	206.00	.7412	267.28	157.55	4.315
68.00	.2627	90.62	51.73	2.889	208.00	.7480	269.80	159.05	4.327
70.00	.2698	93.28	53.34	2.927	210.00	.7548	272.31	160.56	4.339
72.00	.2770	95.94	54.94	2.965	212.00	.7616	274.82	162.06	4.351
74.00	.2841	98.60	56.53	3.001	214.00	.7684	277.33	163.57	4.363
76.00	.2913	101.24	58.12	3.037	216.00	.7753	279.85	165.07	4.375
78.00	.2984	103.88	59.71	3.071	218.00	.7821	282.36	166.58	4.386
80.00	.3055	106.52	61.29	3.104	220.00	.7889	284.87	168.08	4.398
82.00	.3126	109.15	62.87	3.137	222.00	.7957	287.38	169.58	4.409
84.00	.3197	111.77	64.44	3.168	224.00	.8025	289.89	171.09	4.420
86.00	.3268	114.39	66.01	3.199	226.00	.8093	292.40	172.59	4.432
88.00	.3339	117.01	67.58	3.229	228.00	.8161	294.91	174.09	4.443
90.00	.3409	119.62	69.14	3.258	230.00	.8228	297.42	175.60	4.454
92.00	.3480	122.23	70.71	3.287	232.00	.8296	299.92	177.10	4.464
94.00	.3550	124.83	72.27	3.315	234.00	.8364	302.43	178.60	4.475
96.00	.3621	127.43	73.82	3.342	236.00	.8432	304.94	180.10	4.486
98.00	.3691	130.02	75.38	3.369	238.00	.8500	307.45	181.60	4.496
100.00	.3761	132.61	76.93	3.395	240.00	.8568	309.95	183.11	4.507
102.00	.3831	135.20	78.48	3.421	242.00	.8636	312.46	184.61	4.517
104.00	.3901	137.79	80.03	3.446	244.00	.8704	314.96	186.11	4.528
106.00	.3971	140.37	81.57	3.471	246.00	.8772	317.47	187.61	4.538
108.00	.4041	142.95	83.12	3.495	248.00	.8839	319.97	189.11	4.548
110.00	.4111	145.52	84.66	3.518	250.00	.8907	322.48	190.61	4.558
112.00	.4181	148.10	86.20	3.542	252.00	.8975	324.98	192.11	4.568
114.00	.4251	150.67	87.74	3.564	254.00	.9043	327.49	193.61	4.578
116.00	.4320	153.24	89.27	3.587	256.00	.9111	329.99	195.11	4.588
118.00	.4390	155.80	90.81	3.609	258.00	.9179	332.49	196.61	4.597
120.00	.4459	158.36	92.35	3.630	260.00	.9246	335.00	198.11	4.607

TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)	TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB)
262.00	.9314	337.50	199.61	4.617	402.00	1.4042	512.19	304.31	5.151
264.00	.9382	340.00	201.11	4.626	404.00	1.4109	514.68	305.80	5.157
266.00	.9450	342.51	202.61	4.636	406.00	1.4177	517.17	307.30	5.163
268.00	.9517	345.01	204.11	4.645	408.00	1.4244	519.66	308.79	5.169
270.00	.9585	347.51	205.61	4.654	410.00	1.4311	522.15	310.28	5.176
272.00	.9653	350.01	207.10	4.664	412.00	1.4379	524.64	311.77	5.182
274.00	.9720	352.51	208.60	4.673	414.00	1.4446	527.13	313.27	5.188
276.00	.9788	355.01	210.10	4.682	416.00	1.4513	529.62	314.76	5.194
278.00	.9856	357.51	211.60	4.691	418.00	1.4581	532.11	316.25	5.200
280.00	.9924	360.01	213.10	4.700	420.00	1.4648	534.60	317.75	5.206
282.00	.9991	362.51	214.60	4.709	422.00	1.4715	537.09	319.24	5.211
284.00	1.0059	365.01	216.09	4.718	424.00	1.4783	539.58	320.73	5.217
286.00	1.0127	367.51	217.59	4.726	426.00	1.4850	542.07	322.22	5.223
288.00	1.0194	370.01	219.09	4.735	428.00	1.4917	544.56	323.72	5.229
290.00	1.0262	372.51	220.59	4.744	430.00	1.4985	547.05	325.21	5.235
292.00	1.0330	375.01	222.08	4.752	432.00	1.5052	549.54	326.70	5.241
294.00	1.0397	377.51	223.58	4.761	434.00	1.5119	552.03	328.19	5.246
296.00	1.0465	380.01	225.08	4.769	436.00	1.5187	554.52	329.69	5.252
298.00	1.0532	382.51	226.58	4.778	438.00	1.5254	557.01	331.18	5.258
300.00	1.0600	385.00	228.07	4.786	440.00	1.5321	559.50	332.67	5.263
302.00	1.0668	387.50	229.57	4.794	442.00	1.5389	561.99	334.16	5.269
304.00	1.0735	390.00	231.07	4.803	444.00	1.5456	564.48	335.66	5.275
306.00	1.0803	392.50	232.56	4.811	446.00	1.5523	566.97	337.15	5.280
308.00	1.0871	394.99	234.06	4.819	448.00	1.5591	569.46	338.64	5.286
310.00	1.0938	397.49	235.56	4.827	450.00	1.5658	571.95	340.13	5.291
312.00	1.1006	399.99	237.05	4.835	452.00	1.5725	574.43	341.63	5.297
314.00	1.1073	402.48	238.55	4.843	454.00	1.5793	576.92	343.12	5.302
316.00	1.1141	404.98	240.05	4.851	456.00	1.5860	579.41	344.61	5.308
318.00	1.1208	407.48	241.54	4.859	458.00	1.5927	581.90	346.10	5.313
320.00	1.1276	409.97	243.04	4.867	460.00	1.5995	584.39	347.59	5.319
322.00	1.1343	412.47	244.53	4.874	462.00	1.6062	586.88	349.09	5.324
324.00	1.1411	414.96	246.03	4.882	464.00	1.6129	589.37	350.58	5.330
326.00	1.1479	417.46	247.52	4.890	466.00	1.6197	591.85	352.07	5.335
328.00	1.1546	419.96	249.02	4.897	468.00	1.6264	594.34	353.56	5.340
330.00	1.1614	422.45	250.52	4.905	470.00	1.6331	596.83	355.05	5.346
332.00	1.1681	424.95	252.01	4.913	472.00	1.6398	599.32	356.55	5.351
334.00	1.1749	427.44	253.51	4.920	474.00	1.6466	601.81	358.04	5.356
336.00	1.1816	429.94	255.00	4.927	476.00	1.6533	604.30	359.53	5.361
338.00	1.1884	432.43	256.50	4.935	478.00	1.6600	606.78	361.02	5.367
340.00	1.1951	434.93	257.99	4.942	480.00	1.6668	609.27	362.51	5.372
342.00	1.2019	437.42	259.49	4.950	482.00	1.6735	611.76	364.01	5.377
344.00	1.2086	439.91	260.98	4.957	484.00	1.6802	614.25	365.50	5.382
346.00	1.2154	442.41	262.48	4.964	486.00	1.6869	616.73	366.99	5.387
348.00	1.2221	444.90	263.97	4.971	488.00	1.6937	619.22	368.48	5.392
350.00	1.2289	447.40	265.47	4.978	490.00	1.7004	621.71	369.97	5.397
352.00	1.2356	449.89	266.96	4.985	492.00	1.7071	624.20	371.46	5.402
354.00	1.2424	452.38	268.46	4.993	494.00	1.7139	626.68	372.96	5.407
356.00	1.2491	454.88	269.95	5.000	496.00	1.7206	629.17	374.45	5.412
358.00	1.2559	457.37	271.45	5.007	498.00	1.7273	631.66	375.94	5.417
360.00	1.2626	459.86	272.94	5.013	500.00	1.7340	634.15	377.43	5.422
362.00	1.2693	462.36	274.43	5.020	502.00	1.7408	636.63	378.92	5.427
364.00	1.2761	464.85	275.93	5.027	504.00	1.7475	639.12	380.41	5.432
366.00	1.2828	467.34	277.42	5.034	506.00	1.7542	641.61	381.90	5.437
368.00	1.2896	469.83	278.92	5.041	508.00	1.7609	644.10	383.40	5.442
370.00	1.2963	472.33	280.41	5.048	510.00	1.7677	646.58	384.89	5.447
372.00	1.3031	474.82	281.90	5.054	512.00	1.7744	649.07	386.38	5.452
374.00	1.3098	477.31	283.40	5.061	514.00	1.7811	651.56	387.87	5.457
376.00	1.3166	479.80	284.89	5.068	516.00	1.7878	654.04	389.36	5.462
378.00	1.3233	482.30	286.39	5.074	518.00	1.7946	656.53	390.85	5.466
380.00	1.3300	484.79	287.88	5.081	520.00	1.8013	659.02	392.34	5.471
382.00	1.3368	487.28	289.37	5.087	522.00	1.8080	661.51	393.83	5.476
384.00	1.3435	489.77	290.87	5.094	524.00	1.8147	663.99	395.33	5.481
386.00	1.3503	492.26	292.36	5.100	526.00	1.8215	666.48	396.82	5.486
388.00	1.3570	494.75	293.85	5.107	528.00	1.8282	668.97	398.31	5.490
390.00	1.3637	497.25	295.35	5.113	530.00	1.8349	671.45	399.80	5.495
392.00	1.3705	499.74	296.84	5.120	532.00	1.8416	673.94	401.29	5.500
394.00	1.3772	502.23	298.34	5.126	534.00	1.8484	676.43	402.78	5.504
396.00	1.3840	504.72	299.83	5.132	536.00	1.8551	678.91	404.27	5.509
398.00	1.3907	507.21	301.32	5.139	538.00	1.8618	681.40	405.76	5.514
400.00	1.3974	509.70	302.82	5.145	540.00	1.8685	683.88	407.25	5.518

TEMPERATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)	TEMPERATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)
					122.00	.4290	161.20	93.72	3.620
					124.00	.4356	163.76	95.25	3.641
					126.00	.4421	166.32	96.78	3.662
					128.00	.4486	168.88	98.31	3.682
					130.00	.4551	171.44	99.84	3.701
					132.00	.4617	173.99	101.37	3.721
					134.00	.4682	176.55	102.90	3.740
					136.00	.4747	179.10	104.43	3.759
					138.00	.4812	181.65	105.95	3.778
					140.00	.4877	184.19	107.48	3.796
					142.00	.4942	186.74	109.00	3.814
					144.00	.5007	189.29	110.53	3.832
6.00	.0828	15.89	2.86	.402	146.00	.5072	191.83	112.05	3.849
8.00	.0843	16.86	3.60	.533	148.00	.5137	194.37	113.57	3.867
10.00	.0861	17.91	4.37	.656	150.00	.5202	196.91	115.09	3.884
12.00	.0883	19.12	5.23	.774	152.00	.5266	199.45	116.61	3.901
14.00	.0909	20.52	6.22	.881	154.00	.5331	201.99	118.13	3.917
16.00	.0939	22.31	7.54	1.001	156.00	.5396	204.53	119.65	3.934
18.00	.0973	24.36	9.05	1.121	158.00	.5461	207.06	121.17	3.950
20.00	.1011	26.57	10.67	1.238	160.00	.5525	209.60	122.68	3.966
22.00	.1053	28.92	12.36	1.349	162.00	.5590	212.13	124.20	3.981
24.00	.1098	31.36	14.09	1.455	164.00	.5655	214.66	125.72	3.997
26.00	.1147	33.87	15.84	1.556	166.00	.5719	217.20	127.23	4.012
28.00	.1198	36.45	17.60	1.652	168.00	.5784	219.73	128.75	4.027
30.00	.1253	39.08	19.37	1.742	170.00	.5848	222.26	130.26	4.042
32.00	.1310	41.75	21.15	1.829	172.00	.5913	224.78	131.77	4.057
34.00	.1370	44.46	22.91	1.911	174.00	.5977	227.31	133.29	4.072
36.00	.1431	47.18	24.67	1.988	176.00	.6042	229.84	134.80	4.086
38.00	.1494	49.92	26.43	2.062	178.00	.6106	232.36	136.31	4.100
40.00	.1558	52.67	28.17	2.133	180.00	.6171	234.89	137.82	4.115
42.00	.1623	55.43	29.90	2.200	182.00	.6235	237.41	139.33	4.129
44.00	.1689	58.18	31.62	2.264	184.00	.6300	239.94	140.85	4.142
46.00	.1755	60.94	33.33	2.326	186.00	.6364	242.46	142.36	4.156
48.00	.1822	63.69	35.03	2.384	188.00	.6428	244.98	143.87	4.169
50.00	.1889	66.43	36.71	2.440	190.00	.6493	247.50	145.38	4.183
52.00	.1957	69.17	38.39	2.494	192.00	.6557	250.02	146.88	4.196
54.00	.2024	71.90	40.06	2.545	194.00	.6621	252.54	148.39	4.209
56.00	.2092	74.62	41.72	2.595	196.00	.6685	255.06	149.90	4.222
58.00	.2160	77.34	43.37	2.642	198.00	.6750	257.58	151.41	4.235
60.00	.2227	80.05	45.01	2.688	200.00	.6814	260.10	152.92	4.247
62.00	.2295	82.74	46.64	2.733	202.00	.6878	262.62	154.42	4.260
64.00	.2363	85.44	48.27	2.775	204.00	.6942	265.13	155.93	4.272
66.00	.2430	88.12	49.89	2.817	206.00	.7006	267.65	157.44	4.285
68.00	.2498	90.80	51.50	2.857	208.00	.7071	270.16	158.94	4.297
70.00	.2566	93.47	53.11	2.895	210.00	.7135	272.68	160.45	4.309
72.00	.2633	96.13	54.71	2.933	212.00	.7199	275.19	161.96	4.321
74.00	.2700	98.79	56.31	2.969	214.00	.7263	277.71	163.46	4.332
76.00	.2767	101.44	57.91	3.005	216.00	.7327	280.22	164.97	4.344
78.00	.2835	104.08	59.49	3.039	218.00	.7391	282.73	166.47	4.356
80.00	.2902	106.72	61.08	3.072	220.00	.7455	285.25	167.98	4.367
82.00	.2968	109.35	62.66	3.105	222.00	.7519	287.76	169.48	4.379
84.00	.3035	111.98	64.24	3.136	224.00	.7583	290.27	170.98	4.390
86.00	.3102	114.61	65.81	3.167	226.00	.7647	292.78	172.49	4.401
88.00	.3169	117.23	67.38	3.197	228.00	.7711	295.29	173.99	4.412
90.00	.3235	119.84	68.95	3.227	230.00	.7775	297.80	175.49	4.423
92.00	.3302	122.45	70.51	3.255	232.00	.7839	300.31	177.00	4.434
94.00	.3368	125.06	72.08	3.284	234.00	.7903	302.82	178.50	4.445
96.00	.3434	127.66	73.63	3.311	236.00	.7967	305.33	180.00	4.455
98.00	.3501	130.26	75.19	3.338	238.00	.8031	307.84	181.51	4.466
100.00	.3567	132.85	76.74	3.364	240.00	.8095	310.34	183.01	4.476
102.00	.3633	135.44	78.30	3.390	242.00	.8159	312.85	184.51	4.487
104.00	.3699	138.03	79.85	3.415	244.00	.8223	315.36	186.01	4.497
106.00	.3765	140.62	81.39	3.439	246.00	.8287	317.86	187.51	4.507
108.00	.3831	143.20	82.94	3.463	248.00	.8351	320.37	189.01	4.518
110.00	.3897	145.78	84.49	3.487	250.00	.8415	322.88	190.51	4.528
112.00	.3962	148.35	86.03	3.510	252.00	.8479	325.38	192.02	4.538
114.00	.4028	150.93	87.57	3.533	254.00	.8542	327.89	193.52	4.547
116.00	.4094	153.50	89.11	3.555	256.00	.8606	330.39	195.02	4.557
118.00	.4159	156.07	90.65	3.577	258.00	.8670	332.90	196.52	4.567
120.00	.4225	158.64	92.18	3.599	260.00	.8734	335.40	198.02	4.577

TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)	TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)
262.00	.8798	337.90	199.52	4.586	402.00	1.3249	512.65	304.24	5.121
264.00	.8862	340.41	201.02	4.596	404.00	1.3313	515.14	305.74	5.127
266.00	.8925	342.91	202.52	4.605	406.00	1.3376	517.64	307.23	5.133
268.00	.8989	345.41	204.02	4.615	408.00	1.3439	520.13	308.73	5.139
270.00	.9053	347.92	205.52	4.624	410.00	1.3503	522.62	310.22	5.145
272.00	.9117	350.42	207.02	4.633	412.00	1.3566	525.11	311.71	5.151
274.00	.9180	352.92	208.51	4.642	414.00	1.3630	527.60	313.20	5.157
276.00	.9244	355.42	210.01	4.651	416.00	1.3693	530.09	314.70	5.163
278.00	.9308	357.93	211.51	4.660	418.00	1.3757	532.58	316.19	5.169
280.00	.9372	360.43	213.01	4.669	420.00	1.3820	535.07	317.68	5.175
282.00	.9435	362.93	214.51	4.678	422.00	1.3883	537.56	319.18	5.181
284.00	.9499	365.43	216.01	4.687	424.00	1.3947	540.05	320.67	5.187
286.00	.9563	367.93	217.51	4.696	426.00	1.4010	542.54	322.16	5.193
288.00	.9627	370.43	219.00	4.705	428.00	1.4074	545.03	323.66	5.199
290.00	.9690	372.93	220.50	4.713	430.00	1.4137	547.52	325.15	5.205
292.00	.9754	375.43	222.00	4.722	432.00	1.4200	550.01	326.64	5.210
294.00	.9818	377.93	223.50	4.730	434.00	1.4264	552.50	328.13	5.216
296.00	.9881	380.43	225.00	4.739	436.00	1.4327	554.99	329.63	5.222
298.00	.9945	382.93	226.49	4.747	438.00	1.4391	557.48	331.12	5.228
300.00	1.0009	385.43	227.99	4.756	440.00	1.4454	559.97	332.61	5.233
302.00	1.0072	387.93	229.49	4.764	442.00	1.4517	562.46	334.11	5.239
304.00	1.0136	390.42	230.99	4.772	444.00	1.4581	564.95	335.60	5.244
306.00	1.0200	392.92	232.48	4.780	446.00	1.4644	567.44	337.09	5.250
308.00	1.0263	395.42	233.98	4.789	448.00	1.4707	569.93	338.58	5.256
310.00	1.0327	397.92	235.48	4.797	450.00	1.4771	572.42	340.08	5.261
312.00	1.0391	400.42	236.97	4.805	452.00	1.4834	574.91	341.57	5.267
314.00	1.0454	402.91	238.47	4.813	454.00	1.4898	577.40	343.06	5.272
316.00	1.0518	405.41	239.97	4.821	456.00	1.4961	579.89	344.55	5.278
318.00	1.0581	407.91	241.46	4.828	458.00	1.5024	582.38	346.05	5.283
320.00	1.0645	410.41	242.96	4.836	460.00	1.5088	584.86	347.54	5.289
322.00	1.0709	412.90	244.46	4.844	462.00	1.5151	587.35	349.03	5.294
324.00	1.0772	415.40	245.95	4.852	464.00	1.5214	589.84	350.52	5.299
326.00	1.0836	417.90	247.45	4.859	466.00	1.5278	592.33	352.01	5.305
328.00	1.0899	420.39	248.94	4.867	468.00	1.5341	594.82	353.51	5.310
330.00	1.0963	422.89	250.44	4.875	470.00	1.5404	597.31	355.00	5.315
332.00	1.1027	425.38	251.94	4.882	472.00	1.5468	599.80	356.49	5.321
334.00	1.1090	427.88	253.43	4.890	474.00	1.5531	602.29	357.98	5.326
336.00	1.1154	430.38	254.93	4.897	476.00	1.5594	604.77	359.47	5.331
338.00	1.1217	432.87	256.42	4.905	478.00	1.5658	607.26	360.97	5.336
340.00	1.1281	435.37	257.92	4.912	480.00	1.5721	609.75	362.46	5.342
342.00	1.1344	437.86	259.41	4.919	482.00	1.5785	612.24	363.95	5.347
344.00	1.1408	440.36	260.91	4.927	484.00	1.5848	614.73	365.44	5.352
346.00	1.1472	442.85	262.40	4.934	486.00	1.5911	617.22	366.93	5.357
348.00	1.1535	445.35	263.90	4.941	488.00	1.5975	619.70	368.43	5.362
350.00	1.1599	447.84	265.39	4.948	490.00	1.6038	622.19	369.92	5.367
352.00	1.1662	450.33	266.89	4.955	492.00	1.6101	624.68	371.41	5.372
354.00	1.1726	452.83	268.38	4.962	494.00	1.6165	627.17	372.90	5.377
356.00	1.1789	455.32	269.88	4.969	496.00	1.6228	629.66	374.39	5.382
358.00	1.1853	457.82	271.37	4.976	498.00	1.6291	632.14	375.89	5.387
360.00	1.1916	460.31	272.87	4.983	500.00	1.6354	634.63	377.38	5.392
362.00	1.1980	462.80	274.36	4.990	502.00	1.6418	637.12	378.87	5.397
364.00	1.2043	465.30	275.86	4.997	504.00	1.6481	639.61	380.36	5.402
366.00	1.2107	467.79	277.35	5.004	506.00	1.6544	642.09	381.85	5.407
368.00	1.2170	470.28	278.85	5.011	508.00	1.6608	644.58	383.34	5.412
370.00	1.2234	472.78	280.34	5.017	510.00	1.6671	647.07	384.83	5.417
372.00	1.2297	475.27	281.84	5.024	512.00	1.6734	649.56	386.33	5.422
374.00	1.2361	477.76	283.33	5.031	514.00	1.6798	652.04	387.82	5.427
376.00	1.2424	480.26	284.82	5.037	516.00	1.6861	654.53	389.31	5.431
378.00	1.2488	482.75	286.32	5.044	518.00	1.6924	657.02	390.80	5.436
380.00	1.2551	485.24	287.81	5.051	520.00	1.6988	659.51	392.29	5.441
382.00	1.2615	487.73	289.31	5.057	522.00	1.7051	661.99	393.78	5.446
384.00	1.2678	490.23	290.80	5.064	524.00	1.7114	664.48	395.28	5.451
386.00	1.2742	492.72	292.30	5.070	526.00	1.7178	666.97	396.77	5.455
388.00	1.2805	495.21	293.79	5.077	528.00	1.7241	669.46	398.26	5.460
390.00	1.2868	497.70	295.28	5.083	530.00	1.7304	671.94	399.75	5.465
392.00	1.2932	500.19	296.78	5.089	532.00	1.7367	674.43	401.24	5.469
394.00	1.2995	502.69	298.27	5.096	534.00	1.7431	676.92	402.73	5.474
396.00	1.3059	505.18	299.76	5.102	536.00	1.7494	679.40	404.22	5.479
398.00	1.3122	507.67	301.26	5.108	538.00	1.7557	681.89	405.71	5.483
400.00	1.3186	510.16	302.75	5.115	540.00	1.7621	684.38	407.21	5.488

900.00 PSIA ISOBAR

TEMPERATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB-R)	ENTROPY (BTU/LB)	TEMPERATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB-R)	ENTROPY (BTU/LB)
122.00		.4078	161.48	93.56	3.591				
124.00		.4140	164.04	95.09	3.612				
126.00		.4202	166.61	96.63	3.632				
128.00		.4263	169.17	98.16	3.652				
130.00		.4325	171.73	99.69	3.672				
132.00		.4387	174.29	101.22	3.692				
134.00		.4448	176.84	102.75	3.711				
136.00		.4510	179.40	104.28	3.730				
138.00		.4571	181.95	105.81	3.748				
140.00		.4633	184.50	107.33	3.767				
					142.00	.4694	187.05	108.86	3.785
					144.00	.4756	189.59	110.38	3.803
6.00	.0821	16.61	2.94	.396	146.00	.4817	192.14	111.91	3.820
8.00	.0835	17.58	3.67	.526	148.00	.4879	194.68	113.43	3.838
10.00	.0852	18.61	4.42	.647	150.00	.4940	197.23	114.95	3.855
12.00	.0873	19.80	5.26	.763	152.00	.5001	199.77	116.47	3.871
14.00	.0897	21.18	6.23	.869	154.00	.5062	202.31	118.00	3.888
16.00	.0926	22.94	7.53	.986	156.00	.5124	204.85	119.51	3.904
18.00	.0958	24.96	9.01	1.105	158.00	.5185	207.39	121.03	3.921
20.00	.0993	27.14	10.61	1.220	160.00	.5246	209.92	122.55	3.937
					142.00	.4694	187.05	108.86	3.785
					144.00	.4756	189.59	110.38	3.803
22.00	.1032	29.45	12.27	1.330	162.00	.5307	212.46	124.07	3.952
24.00	.1074	31.86	13.97	1.435	164.00	.5368	214.99	125.59	3.968
26.00	.1119	34.34	15.71	1.534	166.00	.5429	217.53	127.10	3.983
28.00	.1167	36.88	17.45	1.628	168.00	.5490	220.06	128.62	3.998
30.00	.1217	39.48	19.21	1.718	170.00	.5551	222.59	130.13	4.013
32.00	.1270	42.12	20.96	1.803	172.00	.5612	225.12	131.65	4.028
34.00	.1325	44.79	22.72	1.884	174.00	.5673	227.65	133.16	4.043
36.00	.1382	47.49	24.47	1.961	176.00	.5734	230.18	134.68	4.057
38.00	.1440	50.20	26.21	2.034	178.00	.5795	232.71	136.19	4.071
40.00	.1500	52.93	27.95	2.104	180.00	.5856	235.24	137.70	4.086
					182.00	.5917	237.76	139.22	4.100
42.00	.1561	55.67	29.67	2.171	184.00	.5978	240.29	140.73	4.113
44.00	.1622	58.41	31.39	2.235	186.00	.6039	242.81	142.24	4.127
46.00	.1685	61.15	33.10	2.296	188.00	.6099	245.34	143.75	4.140
48.00	.1747	63.89	34.79	2.354	190.00	.6160	247.86	145.26	4.154
50.00	.1810	66.63	36.48	2.410	192.00	.6221	250.38	146.77	4.167
52.00	.1874	69.36	38.16	2.463	194.00	.6282	252.90	148.28	4.180
54.00	.1937	72.09	39.82	2.515	196.00	.6342	255.42	149.79	4.193
56.00	.2001	74.81	41.48	2.564	198.00	.6403	257.94	151.30	4.206
58.00	.2065	77.53	43.14	2.612	200.00	.6464	260.46	152.81	4.219
					202.00	.6525	262.98	154.31	4.231
60.00	.2129	80.23	44.78	2.658	204.00	.6585	265.50	155.82	4.243
					206.00	.6646	268.02	157.33	4.256
62.00	.2193	82.93	46.42	2.702	208.00	.6707	270.54	158.84	4.268
64.00	.2256	85.63	48.05	2.745	210.00	.6767	273.05	160.34	4.280
66.00	.2320	88.31	49.67	2.786	212.00	.6828	275.57	161.85	4.292
68.00	.2384	90.99	51.29	2.826	214.00	.6888	278.08	163.36	4.304
70.00	.2448	93.66	52.90	2.865	216.00	.6949	280.60	164.86	4.315
72.00	.2511	96.33	54.50	2.902	218.00	.7009	283.11	166.37	4.327
74.00	.2575	98.99	56.10	2.939	220.00	.7070	285.63	167.87	4.338
					222.00	.7131	288.14	169.38	4.350
76.00	.2638	101.64	57.70	2.974	224.00	.7191	290.65	170.88	4.361
78.00	.2702	104.29	59.29	3.009	226.00	.7252	293.16	172.39	4.372
80.00	.2765	106.93	60.88	3.042	228.00	.7312	295.67	173.89	4.383
					230.00	.7373	298.19	175.39	4.394
82.00	.2828	109.57	62.46	3.075	232.00	.7433	300.70	176.90	4.405
84.00	.2692	112.20	64.04	3.106	234.00	.7493	303.21	178.40	4.416
86.00	.2955	114.83	65.62	3.137	236.00	.7554	305.72	179.90	4.427
88.00	.3018	117.45	67.19	3.167	238.00	.7614	308.23	181.41	4.437
90.00	.3081	120.07	68.76	3.197	240.00	.7675	310.74	182.91	4.448
92.00	.3143	122.68	70.33	3.226	242.00	.7735	313.24	184.41	4.458
94.00	.3206	125.29	71.89	3.254	244.00	.7796	315.75	185.92	4.468
96.00	.3269	127.90	73.45	3.281	246.00	.7856	318.26	187.42	4.479
98.00	.3332	130.50	75.01	3.308	248.00	.7916	320.77	188.92	4.489
100.00	.3394	133.10	76.57	3.334	250.00	.7977	323.28	190.42	4.499
					252.00	.8037	325.78	191.92	4.509
102.00	.3457	135.69	78.12	3.360	254.00	.8097	328.29	193.42	4.519
104.00	.3519	138.28	79.67	3.385	256.00	.8158	330.79	194.93	4.529
106.00	.3581	140.87	81.22	3.410	258.00	.8218	333.30	196.43	4.538
108.00	.3644	143.46	82.77	3.434	260.00	.8278	335.81	197.93	4.548
					262.00				

TEMPERATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (8TU/LB)	ENTROPY (8TU/L8-R)	TEMPERATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (8TU/LB)	ENTROPY (8TU/L8-R)
262.00	.8339	338.31	199.43	4.558	402.00	1.2545	513.11	304.18	5.092
264.00	.8399	340.82	200.93	4.567	404.00	1.2604	515.61	305.68	5.098
266.00	.8459	343.32	202.43	4.577	406.00	1.2664	518.10	307.17	5.105
268.00	.8520	345.82	203.93	4.586	408.00	1.2724	520.59	308.66	5.111
270.00	.8580	348.33	205.43	4.595	410.00	1.2784	523.08	310.16	5.117
272.00	.8640	350.83	206.93	4.604	412.00	1.2844	525.57	311.65	5.123
274.00	.8700	353.33	208.43	4.614	414.00	1.2904	528.06	313.14	5.129
276.00	.8761	355.84	209.93	4.623	416.00	1.2964	530.55	314.64	5.135
278.00	.8821	358.34	211.43	4.632	418.00	1.3024	533.05	316.13	5.141
280.00	.8881	360.84	212.93	4.641	420.00	1.3084	535.54	317.62	5.147
282.00	.8941	363.34	214.42	4.650	422.00	1.3144	538.03	319.12	5.153
284.00	.9002	365.85	215.92	4.659	424.00	1.3204	540.52	320.61	5.159
286.00	.9062	368.35	217.42	4.667	426.00	1.3264	543.01	322.10	5.164
288.00	.9122	370.85	218.92	4.676	428.00	1.3323	545.50	323.60	5.170
290.00	.9182	373.35	220.42	4.685	430.00	1.3383	547.99	325.09	5.176
292.00	.9242	375.85	221.92	4.693	432.00	1.3443	550.48	326.58	5.182
294.00	.9303	378.35	223.42	4.702	434.00	1.3503	552.97	328.08	5.188
296.00	.9363	380.85	224.91	4.710	436.00	1.3563	555.46	329.57	5.193
298.00	.9423	383.35	226.41	4.719	438.00	1.3623	557.95	331.06	5.199
300.00	.9483	385.85	227.91	4.727	440.00	1.3683	560.44	332.55	5.205
302.00	.9543	388.35	229.41	4.735	442.00	1.3743	562.93	334.05	5.210
304.00	.9603	390.85	230.91	4.744	444.00	1.3802	565.42	335.54	5.216
306.00	.9663	393.35	232.40	4.752	446.00	1.3862	567.91	337.03	5.222
308.00	.9724	395.85	233.90	4.760	448.00	1.3922	570.40	338.53	5.227
310.00	.9784	398.35	235.40	4.768	450.00	1.3982	572.89	340.02	5.233
312.00	.9844	400.85	236.90	4.776	452.00	1.4042	575.38	341.51	5.238
314.00	.9904	403.34	238.39	4.784	454.00	1.4102	577.87	343.00	5.244
316.00	.9964	405.84	239.89	4.792	456.00	1.4162	580.36	344.50	5.249
318.00	1.0024	408.34	241.39	4.800	458.00	1.4222	582.85	345.99	5.255
320.00	1.0084	410.84	242.88	4.808	460.00	1.4281	585.34	347.48	5.260
322.00	1.0144	413.34	244.38	4.815	462.00	1.4341	587.83	348.97	5.265
324.00	1.0204	415.83	245.88	4.823	464.00	1.4401	590.32	350.47	5.271
326.00	1.0265	418.33	247.37	4.831	466.00	1.4461	592.81	351.96	5.276
328.00	1.0325	420.83	248.87	4.839	468.00	1.4521	595.30	353.45	5.282
330.00	1.0385	423.33	250.37	4.846	470.00	1.4581	597.79	354.94	5.287
332.00	1.0445	425.82	251.86	4.854	472.00	1.4641	600.28	356.44	5.292
334.00	1.0505	428.32	253.36	4.861	474.00	1.4700	602.77	357.93	5.297
336.00	1.0565	430.81	254.85	4.869	476.00	1.4760	605.25	359.42	5.303
338.00	1.0625	433.31	256.35	4.876	478.00	1.4820	607.74	360.91	5.308
340.00	1.0685	435.81	257.85	4.883	480.00	1.4880	610.23	362.40	5.313
342.00	1.0745	438.30	259.34	4.891	482.00	1.4940	612.72	363.90	5.318
344.00	1.0805	440.80	260.84	4.898	484.00	1.5000	615.21	365.39	5.323
346.00	1.0865	443.29	262.33	4.905	486.00	1.5059	617.70	366.88	5.328
348.00	1.0925	445.79	263.83	4.912	488.00	1.5119	620.19	368.37	5.334
350.00	1.0985	448.28	265.32	4.920	490.00	1.5179	622.67	369.86	5.339
352.00	1.1045	450.78	266.82	4.927	492.00	1.5239	625.16	371.36	5.344
354.00	1.1105	453.27	268.31	4.934	494.00	1.5299	627.65	372.85	5.349
356.00	1.1165	455.77	269.81	4.941	496.00	1.5359	630.14	374.34	5.354
358.00	1.1225	458.26	271.30	4.948	498.00	1.5418	632.63	375.83	5.359
360.00	1.1285	460.76	272.80	4.955	500.00	1.5478	635.12	377.32	5.364
362.00	1.1345	463.25	274.29	4.962	502.00	1.5538	637.60	378.82	5.369
364.00	1.1405	465.75	275.79	4.968	504.00	1.5598	640.09	380.31	5.374
366.00	1.1465	468.24	277.28	4.975	506.00	1.5658	642.58	381.80	5.379
368.00	1.1525	470.74	278.78	4.982	508.00	1.5717	645.07	383.29	5.384
370.00	1.1585	473.23	280.27	4.989	510.00	1.5777	647.56	384.78	5.388
372.00	1.1645	475.72	281.77	4.996	512.00	1.5837	650.04	386.28	5.393
374.00	1.1705	478.22	283.26	5.002	514.00	1.5897	652.53	387.77	5.398
376.00	1.1765	480.71	284.76	5.009	516.00	1.5957	655.02	389.26	5.403
378.00	1.1825	483.20	286.25	5.016	518.00	1.6016	657.51	390.75	5.408
380.00	1.1885	485.70	287.75	5.022	520.00	1.6076	659.99	392.24	5.413
382.00	1.1945	488.19	289.24	5.029	522.00	1.6136	662.48	393.73	5.417
384.00	1.2005	490.68	290.74	5.035	524.00	1.6196	664.97	395.22	5.422
386.00	1.2065	493.17	292.23	5.042	526.00	1.6256	667.46	396.72	5.427
388.00	1.2125	495.67	293.72	5.048	528.00	1.6315	669.94	398.21	5.432
390.00	1.2185	498.16	295.22	5.054	530.00	1.6375	672.43	399.70	5.436
392.00	1.2245	500.65	296.71	5.061	532.00	1.6435	674.92	401.19	5.441
394.00	1.2305	503.15	298.21	5.067	534.00	1.6495	677.41	402.68	5.446
396.00	1.2365	505.64	299.70	5.073	536.00	1.6555	679.89	404.17	5.450
398.00	1.2425	508.13	301.19	5.080	538.00	1.6614	682.38	405.67	5.455
400.00	1.2485	510.62	302.69	5.086	540.00	1.6674	684.87	407.16	5.460

1000.00 PSIA ISOBAR

TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)	TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)
122.00		.3718	162.05	93.25	3.536				
124.00		.3773	164.62	94.79	3.557				
126.00		.3829	167.19	96.33	3.578				
128.00		.3885	169.76	97.87	3.598				
130.00		.3940	172.32	99.40	3.618				
132.00		.3996	174.88	100.93	3.638				
134.00		.4052	177.44	102.47	3.657				
136.00		.4107	180.00	104.00	3.676				
138.00		.4163	182.56	105.53	3.694				
140.00		.4218	185.12	107.06	3.713				
142.00		.4274	187.67	108.58	3.731				
144.00		.4329	190.22	110.11	3.749				
6.00	.0608	18.05	3.09	.384	146.00	.4384	192.77	111.64	3.766
8.00	.0821	19.01	3.81	.512	148.00	.4440	195.32	113.16	3.784
10.00	.0837	20.01	4.53	.630	150.00	.4495	197.87	114.69	3.801
12.00	.0855	21.16	5.33	.743	152.00	.4550	200.41	116.21	3.818
14.00	.0877	22.50	6.26	.845	154.00	.4605	202.96	117.73	3.834
16.00	.0902	24.22	7.51	.960	156.00	.4661	205.50	119.26	3.851
18.00	.0931	26.18	8.96	1.076	158.00	.4716	208.05	120.78	3.867
20.00	.0962	28.31	10.51	1.188	160.00	.4771	210.59	122.30	3.883
22.00	.0996	30.56	12.13	1.295	162.00	.4826	213.13	123.82	3.899
24.00	.1033	32.90	13.80	1.397	164.00	.4881	215.67	125.34	3.914
26.00	.1072	35.32	15.49	1.494	166.00	.4936	218.20	126.85	3.930
28.00	.1113	37.80	17.20	1.586	168.00	.4991	220.74	128.37	3.945
30.00	.1157	40.34	18.92	1.673	170.00	.5046	223.27	129.89	3.960
32.00	.1203	42.91	20.65	1.756	172.00	.5101	225.81	131.41	3.975
34.00	.1251	45.53	22.38	1.835	174.00	.5156	228.34	132.92	3.989
36.00	.1300	48.17	24.11	1.911	176.00	.5211	230.87	134.44	4.004
38.00	.1351	50.84	25.83	1.983	178.00	.5266	233.41	135.95	4.018
40.00	.1404	53.53	27.55	2.052	180.00	.5321	235.94	137.47	4.032
42.00	.1457	56.23	29.27	2.118	182.00	.5376	238.47	138.98	4.046
44.00	.1511	58.94	30.97	2.181	184.00	.5431	241.00	140.50	4.060
46.00	.1566	61.66	32.67	2.241	186.00	.5486	243.52	142.01	4.074
48.00	.1622	64.38	34.37	2.299	188.00	.5540	246.05	143.52	4.087
50.00	.1678	67.10	36.05	2.355	190.00	.5595	248.58	145.03	4.100
52.00	.1734	69.82	37.73	2.408	192.00	.5650	251.10	146.55	4.114
54.00	.1791	72.53	39.40	2.459	194.00	.5705	253.63	148.06	4.127
56.00	.1848	75.25	41.06	2.509	196.00	.5759	256.15	149.57	4.140
58.00	.1905	77.96	42.71	2.556	198.00	.5814	258.67	151.08	4.153
60.00	.1962	80.66	44.36	2.602	200.00	.5869	261.20	152.59	4.165
62.00	.2019	83.36	45.99	2.646	202.00	.5924	263.72	154.10	4.178
64.00	.2076	86.05	47.63	2.689	204.00	.5978	266.24	155.61	4.190
66.00	.2134	88.74	49.25	2.730	206.00	.6033	268.76	157.12	4.202
68.00	.2191	91.42	50.87	2.770	208.00	.6088	271.28	158.62	4.215
70.00	.2248	94.09	52.49	2.809	210.00	.6142	273.80	160.13	4.227
72.00	.2305	96.76	54.10	2.847	212.00	.6197	276.32	161.64	4.239
74.00	.2363	99.42	55.70	2.883	214.00	.6251	278.84	163.15	4.250
76.00	.2420	102.08	57.30	2.919	216.00	.6306	281.35	164.66	4.262
78.00	.2477	104.74	58.90	2.953	218.00	.6361	283.87	166.16	4.274
80.00	.2534	107.38	60.49	2.987	220.00	.6415	286.39	167.67	4.285
82.00	.2591	110.02	62.08	3.019	222.00	.6470	288.90	169.18	4.297
84.00	.2648	112.66	63.66	3.051	224.00	.6524	291.42	170.68	4.308
86.00	.2705	115.29	65.24	3.082	226.00	.6579	293.93	172.19	4.319
88.00	.2761	117.92	66.82	3.112	228.00	.6633	296.45	173.69	4.330
90.00	.2818	120.55	68.40	3.142	230.00	.6688	298.96	175.20	4.341
92.00	.2875	123.17	69.97	3.170	232.00	.6742	301.48	176.70	4.352
94.00	.2931	125.78	71.53	3.199	234.00	.6797	303.99	178.21	4.363
96.00	.2988	128.39	73.10	3.226	236.00	.6851	306.50	179.71	4.374
98.00	.3044	131.00	74.66	3.253	238.00	.6906	309.01	181.22	4.384
100.00	.3101	133.60	76.22	3.279	240.00	.6960	311.52	182.72	4.395
102.00	.3157	136.21	77.78	3.305	242.00	.7015	314.04	184.22	4.405
104.00	.3213	138.80	79.34	3.330	244.00	.7069	316.55	185.73	4.415
106.00	.3270	141.40	80.89	3.355	246.00	.7123	319.06	187.23	4.426
108.00	.3326	143.99	82.44	3.379	248.00	.7178	321.57	188.73	4.436
110.00	.3382	146.58	83.99	3.403	250.00	.7232	324.08	190.24	4.446
112.00	.3438	149.16	85.54	3.426	252.00	.7287	326.59	191.74	4.456
114.00	.3494	151.75	87.09	3.449	254.00	.7341	329.09	193.24	4.466
116.00	.3550	154.33	88.63	3.471	256.00	.7395	331.60	194.74	4.476
118.00	.3606	156.90	90.17	3.494	258.00	.7450	334.11	196.25	4.485
120.00	.3662	159.48	91.71	3.515	260.00	.7504	336.62	197.75	4.495

TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)	TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)
262.00	.7558	339.12	199.25	4.505	402.00	1.1347	514.04	304.06	5.040
264.00	.7613	341.63	200.75	4.514	404.00	1.1401	516.53	305.55	5.046
266.00	.7667	344.14	202.25	4.524	406.00	1.1455	519.02	307.04	5.052
268.00	.7721	346.64	203.75	4.533	408.00	1.1509	521.52	308.54	5.058
270.00	.7776	349.15	205.26	4.542	410.00	1.1563	524.01	310.03	5.064
272.00	.7830	351.66	206.76	4.552	412.00	1.1617	526.50	311.53	5.070
274.00	.7884	354.16	208.26	4.561	414.00	1.1671	528.99	313.02	5.076
276.00	.7939	356.67	209.76	4.570	416.00	1.1724	531.49	314.52	5.082
278.00	.7993	359.17	211.26	4.579	418.00	1.1778	533.98	316.01	5.088
280.00	.8047	361.67	212.76	4.588	420.00	1.1832	536.47	317.50	5.094
282.00	.8101	364.18	214.26	4.597	422.00	1.1886	538.96	319.00	5.100
284.00	.8156	366.68	215.76	4.606	424.00	1.1940	541.45	320.49	5.106
286.00	.8210	369.19	217.26	4.614	426.00	1.1994	543.95	321.98	5.112
288.00	.8264	371.69	218.76	4.623	428.00	1.2048	546.44	323.48	5.118
290.00	.8318	374.19	220.26	4.632	430.00	1.2102	548.93	324.97	5.124
292.00	.8372	376.69	221.76	4.640	432.00	1.2156	551.42	326.46	5.129
294.00	.8427	379.20	223.25	4.649	434.00	1.2210	553.91	327.96	5.135
296.00	.8481	381.70	224.75	4.657	436.00	1.2264	556.40	329.45	5.141
298.00	.8535	384.20	226.25	4.666	438.00	1.2318	558.89	330.95	5.146
300.00	.8589	386.70	227.75	4.674	440.00	1.2372	561.39	332.44	5.152
302.00	.8644	389.20	229.25	4.683	442.00	1.2426	563.88	333.93	5.158
304.00	.8698	391.71	230.75	4.691	444.00	1.2479	566.37	335.42	5.163
306.00	.8752	394.21	232.25	4.699	446.00	1.2533	568.86	336.92	5.169
308.00	.8806	396.71	233.74	4.707	448.00	1.2587	571.35	338.41	5.175
310.00	.8860	399.21	235.24	4.715	450.00	1.2641	573.84	339.90	5.180
312.00	.8914	401.71	236.74	4.723	452.00	1.2695	576.33	341.40	5.186
314.00	.8969	404.21	238.24	4.731	454.00	1.2749	578.82	342.89	5.191
316.00	.9023	406.71	239.74	4.739	456.00	1.2803	581.31	344.38	5.197
318.00	.9077	409.21	241.23	4.747	458.00	1.2857	583.80	345.88	5.202
320.00	.9131	411.71	242.73	4.755	460.00	1.2911	586.29	347.37	5.208
322.00	.9185	414.21	244.23	4.763	462.00	1.2965	588.78	348.86	5.213
324.00	.9239	416.70	245.73	4.770	464.00	1.3019	591.27	350.36	5.218
326.00	.9293	419.20	247.22	4.778	466.00	1.3072	593.76	351.85	5.224
328.00	.9347	421.70	248.72	4.786	468.00	1.3126	596.25	353.34	5.229
330.00	.9402	424.20	250.22	4.793	470.00	1.3180	598.74	354.83	5.234
332.00	.9456	426.70	251.71	4.801	472.00	1.3234	601.23	356.33	5.240
334.00	.9510	429.20	253.21	4.808	474.00	1.3288	603.72	357.82	5.245
336.00	.9564	431.69	254.71	4.816	476.00	1.3342	606.21	359.31	5.250
338.00	.9618	434.19	256.21	4.823	478.00	1.3396	608.70	360.80	5.255
340.00	.9672	436.69	257.70	4.831	480.00	1.3450	611.19	362.30	5.261
342.00	.9726	439.19	259.20	4.838	482.00	1.3503	613.68	363.79	5.266
344.00	.9780	441.68	260.69	4.845	484.00	1.3557	616.17	365.28	5.271
346.00	.9834	444.18	262.19	4.852	486.00	1.3611	618.66	366.77	5.276
348.00	.9888	446.68	263.69	4.860	488.00	1.3665	621.15	368.27	5.281
350.00	.9942	449.17	265.18	4.867	490.00	1.3719	623.64	369.76	5.286
352.00	.9996	451.67	266.68	4.874	492.00	1.3773	626.13	371.25	5.291
354.00	1.0051	454.17	268.18	4.881	494.00	1.3827	628.62	372.74	5.296
356.00	1.0105	456.66	269.67	4.888	496.00	1.3881	631.11	374.24	5.301
358.00	1.0159	459.16	271.17	4.895	498.00	1.3934	633.60	375.73	5.306
360.00	1.0213	461.66	272.66	4.902	500.00	1.3988	636.08	377.22	5.311
362.00	1.0267	464.15	274.16	4.909	502.00	1.4042	638.57	378.71	5.316
364.00	1.0321	466.65	275.65	4.916	504.00	1.4096	641.06	380.21	5.321
366.00	1.0375	469.14	277.15	4.923	506.00	1.4150	643.55	381.70	5.326
368.00	1.0429	471.64	278.64	4.929	508.00	1.4204	646.04	383.19	5.331
370.00	1.0483	474.13	280.14	4.936	510.00	1.4258	648.53	384.68	5.336
372.00	1.0537	476.63	281.64	4.943	512.00	1.4311	651.02	386.17	5.341
374.00	1.0591	479.12	283.13	4.950	514.00	1.4365	653.51	387.67	5.346
376.00	1.0645	481.62	284.63	4.956	516.00	1.4419	655.99	389.16	5.351
378.00	1.0699	484.11	286.12	4.963	518.00	1.4473	658.48	390.65	5.355
380.00	1.0753	486.61	287.62	4.969	520.00	1.4527	660.97	392.14	5.360
382.00	1.0807	489.10	289.11	4.976	522.00	1.4581	663.46	393.63	5.365
384.00	1.0861	491.59	290.61	4.983	524.00	1.4634	665.95	395.13	5.370
386.00	1.0915	494.09	292.10	4.989	526.00	1.4688	668.44	396.62	5.374
388.00	1.0969	496.58	293.59	4.995	528.00	1.4742	670.92	398.11	5.379
390.00	1.1023	499.08	295.09	5.002	530.00	1.4796	673.41	399.60	5.384
392.00	1.1077	501.57	296.58	5.008	532.00	1.4850	675.90	401.09	5.389
394.00	1.1131	504.06	298.08	5.015	534.00	1.4904	678.39	402.58	5.393
396.00	1.1185	506.56	299.57	5.021	536.00	1.4958	680.88	404.08	5.398
398.00	1.1239	509.05	301.07	5.027	538.00	1.5011	683.36	405.57	5.402
400.00	1.1293	511.54	302.56	5.033	540.00	1.5065	685.85	407.06	5.407

TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB-R)	TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB-R)
8.00	.0792	22.50	4.18	122.00	.3069	163.55	92.55
10.00	.0804	23.45	4.84	124.00	.3114	166.13	94.09
12.00	.0819	24.53	5.58	126.00	.3159	168.71	95.64
14.00	.0837	25.78	6.42	128.00	.3204	171.29	97.18
16.00	.0857	27.41	7.59	130.00	.3249	173.87	98.72
18.00	.0879	29.27	8.95	132.00	.3293	176.44	100.26
20.00	.0903	31.30	10.42	134.00	.3338	179.01	101.80
				136.00	.3383	181.58	103.33
				138.00	.3427	184.15	104.87
				140.00	.3472	186.71	106.40
22.00	.0929	33.44	11.96	142.00	.3516	189.28	107.94
24.00	.0956	35.67	13.54	144.00	.3561	191.84	109.47
26.00	.0986	37.97	15.16	146.00	.3605	194.40	111.00
28.00	.1017	40.33	16.80	148.00	.3650	196.96	112.53
30.00	.1050	42.74	18.45	150.00	.3694	199.52	114.06
32.00	.1084	45.19	20.11	152.00	.3739	202.07	115.59
34.00	.1120	47.69	21.78	154.00	.3783	204.63	117.12
36.00	.1157	50.22	23.46	156.00	.3827	207.18	118.65
38.00	.1195	52.78	25.13	158.00	.3872	209.73	120.17
40.00	.1234	55.36	26.81	160.00	.3916	212.28	121.70
42.00	.1274	57.97	28.49	162.00	.3960	214.83	123.22
44.00	.1316	60.60	30.17	164.00	.4005	217.38	124.75
46.00	.1358	63.24	31.84	166.00	.4049	219.93	126.27
48.00	.1400	65.90	33.51	168.00	.4093	222.47	127.79
50.00	.1443	68.57	35.18	170.00	.4137	225.02	129.31
52.00	.1487	71.24	36.85	172.00	.4181	227.56	130.83
54.00	.1531	73.92	38.50	174.00	.4226	230.10	132.36
56.00	.1575	76.60	40.16	176.00	.4270	232.64	133.88
58.00	.1620	79.28	41.81	178.00	.4314	235.18	135.39
60.00	.1665	81.96	43.45	180.00	.4358	237.72	136.91
62.00	.1710	84.65	45.09	182.00	.4402	240.26	138.43
64.00	.1755	87.33	46.72	184.00	.4446	242.80	139.95
66.00	.1801	90.00	48.35	186.00	.4490	245.33	141.47
68.00	.1846	92.68	49.98	188.00	.4534	247.87	142.98
70.00	.1891	95.35	51.60	190.00	.4578	250.40	144.50
72.00	.1937	98.02	53.21	192.00	.4622	252.93	146.01
74.00	.1983	100.69	54.82	194.00	.4666	255.47	147.53
76.00	.2028	103.35	56.43	196.00	.4710	258.00	149.04
78.00	.2074	106.00	58.03	198.00	.4754	260.53	150.56
80.00	.2119	108.66	59.63	200.00	.4798	263.06	152.07
82.00	.2165	111.31	61.23	202.00	.4842	265.59	153.59
84.00	.2210	113.95	62.82	204.00	.4886	268.12	155.10
86.00	.2256	116.59	64.41	206.00	.4930	270.64	156.61
88.00	.2302	119.23	65.99	208.00	.4973	273.17	158.12
90.00	.2347	121.86	67.57	210.00	.5017	275.70	159.63
92.00	.2392	124.49	69.15	212.00	.5061	278.22	161.15
94.00	.2438	127.12	70.73	214.00	.5105	280.75	162.66
96.00	.2483	129.74	72.30	216.00	.5149	283.27	164.17
98.00	.2529	132.36	73.87	218.00	.5193	285.79	165.68
100.00	.2574	134.98	75.44	220.00	.5236	288.32	167.19
102.00	.2619	137.59	77.00	222.00	.5280	290.84	168.70
104.00	.2664	140.20	78.57	224.00	.5324	293.36	170.21
106.00	.2709	142.80	80.13	226.00	.5368	295.88	171.71
108.00	.2755	145.41	81.69	228.00	.5411	298.40	173.22
110.00	.2800	148.01	83.24	230.00	.5455	300.92	174.73
112.00	.2845	150.60	84.80	232.00	.5499	303.44	176.24
114.00	.2890	153.20	86.35	234.00	.5543	305.96	177.75
116.00	.2935	155.79	87.90	236.00	.5586	308.48	179.25
118.00	.2980	158.38	89.45	238.00	.5630	311.00	180.76
120.00	.3025	160.97	91.00	240.00	.5674	313.51	182.27

TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB-R)	ENTROPY (BTU/LB-R)	TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB-R)	ENTROPY (BTU/LB-R)
262.00	.6154	341.17	198.83	4.392	402.00	.9190	516.35	303.75	4.928
264.00	.6197	343.69	200.33	4.402	404.00	.9234	518.84	305.25	4.934
266.00	.6241	346.20	201.83	4.411	406.00	.9277	521.34	306.74	4.940
268.00	.6284	348.71	203.34	4.421	408.00	.9320	523.83	308.24	4.947
270.00	.6328	351.22	204.84	4.430	410.00	.9363	526.33	309.73	4.953
272.00	.6371	353.73	206.34	4.439	412.00	.9406	528.82	311.23	4.959
274.00	.6415	356.24	207.85	4.449	414.00	.9450	531.32	312.72	4.965
276.00	.6459	358.75	209.35	4.458	416.00	.9493	533.81	314.22	4.971
278.00	.6502	361.26	210.85	4.467	418.00	.9536	536.31	315.72	4.977
280.00	.6546	363.77	212.35	4.476	420.00	.9579	538.80	317.21	4.983
282.00	.6589	366.28	213.86	4.485	422.00	.9623	541.30	318.71	4.989
284.00	.6633	368.78	215.36	4.494	424.00	.9666	543.79	320.20	4.995
286.00	.6676	371.29	216.86	4.502	426.00	.9709	546.29	321.69	5.000
288.00	.6720	373.80	218.36	4.511	428.00	.9752	548.78	323.19	5.006
290.00	.6763	376.31	219.86	4.520	430.00	.9795	551.27	324.68	5.012
292.00	.6807	378.81	221.36	4.528	432.00	.9839	553.77	326.18	5.018
294.00	.6850	381.32	222.87	4.537	434.00	.9882	556.26	327.67	5.024
296.00	.6893	383.83	224.37	4.545	436.00	.9925	558.76	329.17	5.029
298.00	.6937	386.33	225.87	4.554	438.00	.9968	561.25	330.66	5.035
300.00	.6980	388.84	227.37	4.562	440.00	1.0011	563.74	332.16	5.041
302.00	.7024	391.35	228.87	4.571	442.00	1.0055	566.24	333.65	5.046
304.00	.7067	393.85	230.37	4.579	444.00	1.0098	568.73	335.15	5.052
306.00	.7111	396.36	231.87	4.587	446.00	1.0141	571.22	336.64	5.058
308.00	.7154	398.86	233.37	4.595	448.00	1.0184	573.72	338.13	5.063
310.00	.7198	401.36	234.87	4.603	450.00	1.0227	576.21	339.63	5.069
312.00	.7241	403.87	236.37	4.611	452.00	1.0270	578.70	341.12	5.074
314.00	.7284	406.37	237.87	4.619	454.00	1.0314	581.19	342.62	5.080
316.00	.7328	408.88	239.37	4.627	456.00	1.0357	583.69	344.11	5.085
318.00	.7371	411.38	240.87	4.635	458.00	1.0400	586.18	345.60	5.091
320.00	.7415	413.88	242.37	4.643	460.00	1.0443	588.67	347.10	5.096
322.00	.7458	416.39	243.87	4.651	462.00	1.0486	591.16	348.59	5.102
324.00	.7501	418.89	245.37	4.659	464.00	1.0530	593.66	350.09	5.107
326.00	.7545	421.39	246.86	4.666	466.00	1.0573	596.15	351.58	5.112
328.00	.7588	423.89	248.36	4.674	468.00	1.0616	598.64	353.07	5.118
330.00	.7632	426.40	249.86	4.682	470.00	1.0659	601.13	354.57	5.123
332.00	.7675	428.90	251.36	4.689	472.00	1.0702	603.63	356.06	5.128
334.00	.7718	431.40	252.86	4.697	474.00	1.0745	606.12	357.55	5.134
336.00	.7762	433.90	254.36	4.704	476.00	1.0788	608.61	359.05	5.139
338.00	.7805	436.40	255.86	4.711	478.00	1.0832	611.10	360.54	5.144
340.00	.7848	438.90	257.35	4.719	480.00	1.0875	613.59	362.04	5.149
342.00	.7892	441.40	258.85	4.726	482.00	1.0918	616.08	363.53	5.154
344.00	.7935	443.90	260.35	4.734	484.00	1.0961	618.58	365.02	5.160
346.00	.7978	446.40	261.85	4.741	486.00	1.1004	621.07	366.52	5.165
348.00	.8022	448.91	263.35	4.748	488.00	1.1047	623.56	368.01	5.170
350.00	.8065	451.41	264.84	4.755	490.00	1.1091	626.05	369.50	5.175
352.00	.8108	453.90	266.34	4.762	492.00	1.1134	628.54	371.00	5.180
354.00	.8152	456.40	267.84	4.769	494.00	1.1177	631.03	372.49	5.185
356.00	.8195	458.90	269.34	4.776	496.00	1.1220	633.52	373.98	5.190
358.00	.8238	461.40	270.83	4.783	498.00	1.1263	636.01	375.47	5.195
360.00	.8282	463.90	272.33	4.790	500.00	1.1306	638.51	376.97	5.200
362.00	.8325	466.40	273.83	4.797	502.00	1.1349	641.00	378.46	5.205
364.00	.8368	468.90	275.32	4.804	504.00	1.1392	643.49	379.95	5.210
366.00	.8411	471.40	276.82	4.811	506.00	1.1436	645.98	381.45	5.215
368.00	.8455	473.90	278.32	4.818	508.00	1.1479	648.47	382.94	5.220
370.00	.8498	476.40	279.82	4.825	510.00	1.1522	650.96	384.43	5.225
372.00	.8541	478.89	281.31	4.831	512.00	1.1565	653.45	385.93	5.230
374.00	.8585	481.39	282.81	4.838	514.00	1.1608	655.94	387.42	5.234
376.00	.8628	483.89	284.31	4.845	516.00	1.1651	658.43	388.91	5.239
378.00	.8671	486.39	285.80	4.851	518.00	1.1694	660.92	390.40	5.244
380.00	.8714	488.88	287.30	4.858	520.00	1.1737	663.41	391.90	5.249
382.00	.8758	491.38	288.79	4.864	522.00	1.1781	665.90	393.39	5.254
384.00	.8801	493.88	290.29	4.871	524.00	1.1824	668.39	394.88	5.258
386.00	.8844	496.37	291.79	4.877	526.00	1.1867	670.88	396.37	5.263
388.00	.8888	498.87	293.28	4.884	528.00	1.1910	673.37	397.87	5.268
390.00	.8931	501.37	294.78	4.890	530.00	1.1953	675.86	399.36	5.273
392.00	.8974	503.86	296.27	4.897	532.00	1.1996	678.35	400.85	5.277
394.00	.9017	506.36	297.77	4.903	534.00	1.2039	680.84	402.35	5.282
396.00	.9061	508.86	299.27	4.909	536.00	1.2082	683.33	403.84	5.287
398.00	.9104	511.35	300.76	4.916	538.00	1.2125	685.82	405.33	5.291
400.00	.9147	513.85	302.26	4.922	540.00	1.2169	688.31	406.82	5.296

TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)	TEMPER- ATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)
					122.00	.2638	165.13	91.91	3.326
					124.00	.2675	167.72	93.46	3.347
					126.00	.2713	170.31	95.01	3.368
					128.00	.2750	172.90	96.56	3.388
					130.00	.2788	175.48	98.10	3.408
					132.00	.2825	178.06	99.65	3.428
					134.00	.2862	180.64	101.19	3.447
					136.00	.2900	183.22	102.73	3.467
					138.00	.2937	185.80	104.27	3.485
					140.00	.2974	188.37	105.81	3.504
					142.00	.3012	190.95	107.35	3.522
					144.00	.3049	193.52	108.89	3.540
					146.00	.3086	196.09	110.42	3.558
8.00	.0768	25.90	4.59	.457	148.00	.3123	198.65	111.96	3.575
10.00	.0779	26.82	5.21	.566	150.00	.3160	201.22	113.49	3.593
12.00	.0791	27.85	5.88	.667	152.00	.3198	203.79	115.02	3.610
14.00	.0806	29.03	6.67	.758	154.00	.3235	206.35	116.56	3.626
16.00	.0822	30.59	7.77	.862	156.00	.3272	208.91	118.09	3.643
18.00	.0840	32.38	9.06	.967	158.00	.3309	211.47	119.62	3.659
20.00	.0860	34.32	10.46	1.070	160.00	.3346	214.03	121.15	3.675
22.00	.0881	36.39	11.94	1.168	162.00	.3383	216.58	122.68	3.691
24.00	.0903	38.54	13.47	1.261	164.00	.3420	219.14	124.20	3.707
26.00	.0927	40.75	15.03	1.350	166.00	.3457	221.69	125.73	3.722
28.00	.0952	43.03	16.61	1.434	168.00	.3494	224.25	127.26	3.738
30.00	.0978	45.35	18.21	1.514	170.00	.3531	226.80	128.78	3.753
32.00	.1005	47.72	19.82	1.591	172.00	.3568	229.35	130.31	3.768
34.00	.1033	50.12	21.44	1.664	174.00	.3605	231.90	131.83	3.782
36.00	.1063	52.56	23.06	1.733	176.00	.3642	234.45	133.35	3.797
38.00	.1093	55.03	24.70	1.800	178.00	.3679	237.00	134.88	3.811
40.00	.1124	57.53	26.33	1.864	180.00	.3716	239.54	136.40	3.825
42.00	.1156	60.06	27.97	1.926	182.00	.3753	242.09	137.92	3.840
44.00	.1189	62.61	29.62	1.985	184.00	.3789	244.63	139.44	3.853
46.00	.1222	65.18	31.26	2.042	186.00	.3826	247.17	140.96	3.867
48.00	.1256	67.77	32.90	2.097	188.00	.3863	249.72	142.48	3.881
50.00	.1291	70.37	34.55	2.151	190.00	.3900	252.26	144.00	3.894
52.00	.1326	72.99	36.19	2.202	192.00	.3937	254.80	145.52	3.907
54.00	.1361	75.62	37.83	2.252	194.00	.3973	257.34	147.04	3.921
56.00	.1397	78.26	39.47	2.300	196.00	.4010	259.87	148.56	3.934
58.00	.1434	80.90	41.11	2.346	198.00	.4047	262.41	150.07	3.947
60.00	.1470	83.55	42.74	2.391	200.00	.4084	264.95	151.59	3.959
62.00	.1507	86.20	44.37	2.434	202.00	.4120	267.48	153.11	3.972
64.00	.1544	88.86	46.00	2.477	204.00	.4157	270.02	154.62	3.984
66.00	.1581	91.52	47.63	2.517	206.00	.4194	272.55	156.14	3.997
68.00	.1619	94.18	49.25	2.557	208.00	.4230	275.09	157.65	4.009
70.00	.1656	96.83	50.86	2.596	210.00	.4267	277.62	159.17	4.021
72.00	.1694	99.49	52.48	2.633	212.00	.4304	280.15	160.68	4.033
74.00	.1731	102.15	54.09	2.669	214.00	.4340	282.68	162.20	4.045
76.00	.1769	104.80	55.70	2.705	216.00	.4377	285.21	163.71	4.057
78.00	.1807	107.46	57.30	2.739	218.00	.4414	287.74	165.22	4.068
80.00	.1845	110.11	58.90	2.773	220.00	.4450	290.27	166.74	4.080
82.00	.1883	112.76	60.50	2.806	222.00	.4487	292.80	168.25	4.091
84.00	.1920	115.40	62.09	2.837	224.00	.4523	295.32	169.76	4.103
86.00	.1958	118.05	63.68	2.869	226.00	.4560	297.85	171.27	4.114
88.00	.1996	120.69	65.27	2.899	228.00	.4597	300.38	172.78	4.125
90.00	.2034	123.32	66.86	2.929	230.00	.4633	302.90	174.29	4.136
92.00	.2072	125.96	68.44	2.957	232.00	.4670	305.43	175.80	4.147
94.00	.2110	128.59	70.02	2.986	234.00	.4706	307.95	177.31	4.158
96.00	.2148	131.22	71.60	3.013	236.00	.4743	310.48	178.82	4.169
98.00	.2186	133.84	73.17	3.041	238.00	.4779	313.00	180.33	4.179
100.00	.2223	136.47	74.75	3.067	240.00	.4816	315.52	181.84	4.190
102.00	.2261	139.09	76.32	3.093	242.00	.4852	318.04	183.35	4.200
104.00	.2299	141.70	77.89	3.118	244.00	.4889	320.57	184.86	4.211
106.00	.2337	144.32	79.45	3.143	246.00	.4925	323.09	186.37	4.221
108.00	.2374	146.93	81.02	3.168	248.00	.4962	325.61	187.88	4.231
110.00	.2412	149.54	82.58	3.192	250.00	.4998	328.13	189.38	4.241
112.00	.2450	152.14	84.14	3.215	252.00	.5035	330.65	190.89	4.251
114.00	.2487	154.74	85.70	3.238	254.00	.5071	333.17	192.40	4.261
116.00	.2525	157.34	87.25	3.261	256.00	.5108	335.68	193.91	4.271
118.00	.2563	159.94	88.81	3.283	258.00	.5144	338.20	195.41	4.281
120.00	.2600	162.54	90.36	3.305	260.00	.5180	340.72	196.92	4.291

TEMPERATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)	TEMPERATURE (R)	SPECIFIC VOLUME (CU FT/LB)	ENTHALPY (BTU/LB)	INTERNAL ENERGY (BTU/LB)	ENTROPY (BTU/LB-R)
267.00	.5217	343.24	198.43	4.300	402.00	.7752	518.65	303.46	4.837
264.00	.5253	345.75	199.93	4.310	404.00	.7788	521.15	304.96	4.843
266.00	.5290	348.27	201.44	4.319	406.00	.7824	523.65	306.46	4.849
268.00	.5326	350.79	202.94	4.329	408.00	.7860	526.15	307.95	4.855
270.00	.5362	353.30	204.45	4.338	410.00	.7897	528.65	309.45	4.861
272.00	.5399	355.82	205.95	4.347	412.00	.7933	531.14	310.94	4.868
274.00	.5435	358.33	207.46	4.357	414.00	.7969	533.64	312.44	4.874
276.00	.5471	360.84	208.96	4.366	416.00	.8005	536.14	313.94	4.880
278.00	.5508	363.36	210.47	4.375	418.00	.8041	538.64	315.43	4.886
280.00	.5544	365.87	211.97	4.384	420.00	.8077	541.13	316.93	4.892
282.00	.5581	368.38	213.48	4.393	422.00	.8113	543.63	318.43	4.897
284.00	.5617	370.90	214.98	4.402	424.00	.8149	546.13	319.92	4.903
286.00	.5653	373.41	216.48	4.411	426.00	.8185	548.62	321.42	4.909
288.00	.5690	375.92	217.99	4.419	428.00	.8221	551.12	322.91	4.915
290.00	.5726	378.43	219.49	4.428	430.00	.8257	553.62	324.41	4.921
292.00	.5762	380.94	220.99	4.437	432.00	.8293	556.11	325.90	4.927
294.00	.5798	383.45	222.50	4.445	434.00	.8329	558.61	327.40	4.932
296.00	.5835	385.96	224.00	4.454	436.00	.8365	561.11	328.90	4.938
298.00	.5871	388.48	225.50	4.462	438.00	.8401	563.60	330.39	4.944
300.00	.5907	390.98	227.01	4.470	440.00	.8437	566.10	331.89	4.950
302.00	.5944	393.49	228.51	4.479	442.00	.8473	568.59	333.38	4.955
304.00	.5980	396.00	230.01	4.487	444.00	.8509	571.09	334.88	4.961
306.00	.6016	398.51	231.51	4.495	446.00	.8546	573.58	336.37	4.967
308.00	.6052	401.02	233.01	4.504	448.00	.8582	576.08	337.87	4.972
310.00	.6089	403.53	234.52	4.512	450.00	.8618	578.57	339.36	4.978
312.00	.6125	406.04	236.02	4.520	452.00	.8654	581.07	340.86	4.983
314.00	.6161	408.55	237.52	4.528	454.00	.8690	583.57	342.35	4.989
316.00	.6197	411.05	239.02	4.536	456.00	.8726	586.06	343.85	4.994
318.00	.6234	413.56	240.52	4.544	458.00	.8762	588.55	345.34	5.000
320.00	.6270	416.07	242.02	4.551	460.00	.8798	591.05	346.84	5.005
322.00	.6306	418.57	243.52	4.559	462.00	.8834	593.54	348.33	5.011
324.00	.6342	421.08	245.02	4.567	464.00	.8870	596.04	349.83	5.016
326.00	.6379	423.59	246.52	4.575	466.00	.8906	598.53	351.32	5.021
328.00	.6415	426.09	248.02	4.582	468.00	.8942	601.03	352.82	5.027
330.00	.6451	428.60	249.52	4.590	470.00	.8978	603.52	354.31	5.032
332.00	.6487	431.10	251.02	4.598	472.00	.9014	606.02	355.80	5.037
334.00	.6523	433.61	252.52	4.605	474.00	.9050	608.51	357.30	5.042
336.00	.6560	436.11	254.02	4.613	476.00	.9086	611.00	358.79	5.048
338.00	.6596	438.62	255.52	4.620	478.00	.9122	613.50	360.29	5.053
340.00	.6632	441.12	257.02	4.627	480.00	.9158	615.99	361.78	5.058
342.00	.6668	443.63	258.52	4.635	482.00	.9194	618.48	363.28	5.063
344.00	.6704	446.13	260.02	4.642	484.00	.9230	620.98	364.77	5.069
346.00	.6741	448.63	261.52	4.649	486.00	.9266	623.47	366.27	5.074
348.00	.6777	451.14	263.02	4.656	488.00	.9302	625.96	367.76	5.079
350.00	.6813	453.64	264.52	4.664	490.00	.9338	628.46	369.25	5.084
352.00	.6849	456.14	266.02	4.671	492.00	.9374	630.95	370.75	5.089
354.00	.6885	458.65	267.52	4.678	494.00	.9410	633.44	372.24	5.094
356.00	.6921	461.15	269.02	4.685	496.00	.9446	635.94	373.74	5.099
358.00	.6958	463.65	270.52	4.692	498.00	.9482	638.43	375.23	5.104
360.00	.6994	466.15	272.01	4.699	500.00	.9518	640.92	376.72	5.109
362.00	.7030	468.65	273.51	4.706	502.00	.9554	643.42	378.22	5.114
364.00	.7066	471.16	275.01	4.713	504.00	.9590	645.91	379.71	5.119
366.00	.7102	473.66	276.51	4.720	506.00	.9626	648.40	381.20	5.124
368.00	.7138	476.16	278.01	4.726	508.00	.9662	650.89	382.70	5.129
370.00	.7175	478.66	279.51	4.733	510.00	.9698	653.38	384.19	5.134
372.00	.7211	481.16	281.00	4.740	512.00	.9734	655.88	385.69	5.139
374.00	.7247	483.66	282.50	4.747	514.00	.9770	658.37	387.18	5.143
376.00	.7283	486.16	284.00	4.753	516.00	.9806	660.86	388.67	5.148
378.00	.7319	488.66	285.50	4.760	518.00	.9841	663.35	390.17	5.153
380.00	.7355	491.16	286.99	4.767	520.00	.9877	665.85	391.66	5.158
382.00	.7391	493.66	288.49	4.773	522.00	.9913	668.34	393.15	5.163
384.00	.7427	496.16	289.99	4.780	524.00	.9949	670.83	394.65	5.167
386.00	.7463	498.66	291.49	4.786	526.00	.9985	673.32	396.14	5.172
388.00	.7500	501.16	292.98	4.793	528.00	1.0021	675.81	397.63	5.177
390.00	.7536	503.66	294.48	4.799	530.00	1.0057	678.30	399.13	5.182
392.00	.7572	506.16	295.98	4.805	532.00	1.0093	680.80	400.62	5.186
394.00	.7608	508.66	297.47	4.812	534.00	1.0129	683.29	402.11	5.191
396.00	.7644	511.16	298.97	4.818	536.00	1.0165	685.78	403.61	5.196
398.00	.7680	513.66	300.47	4.824	538.00	1.0201	688.27	405.10	5.200
400.00	.7716	516.16	301.97	4.831	540.00	1.0237	690.76	406.59	5.205

U. S. DEPARTMENT OF COMMERCE

Luther H. Hodges, *Secretary*

NATIONAL BUREAU OF STANDARDS

A. V. Astin, *Director*



THE NATIONAL BUREAU OF STANDARDS

The scope of activities of the National Bureau of Standards at its major laboratories in Washington, D.C., and Boulder, Colorado, is suggested in the following listing of the divisions and sections engaged in technical work. In general, each section carries out specialized research, development, and engineering in the field indicated by its title. A brief description of the activities, and of the resultant publications, appears on the inside of the front cover.

WASHINGTON, D. C.

Electricity. Resistance and Reactance. Electrochemistry. Electrical Instruments. Magnetic Measurements. Dielectrics. High Voltage.

Metrology. Photometry and Colorimetry. Refractometry. Photographic Research. Length. Engineering Metrology. Mass and Scale. Volumetry and Densimetry.

Heat. Temperature Physics. Heat Measurements. Cryogenic Physics. Equation of State. Statistical Physics.

Radiation Physics. X-ray. Radioactivity. Radiation Theory. High Energy Radiation. Radiological Equipment. Nucleonic Instrumentation. Neutron Physics.

Analytical and Inorganic Chemistry. Pure Substances. Spectrochemistry. Solution Chemistry. Standard Reference Materials. Applied Analytical Research. Crystal Chemistry.

Mechanics. Sound. Pressure and Vacuum. Fluid Mechanics. Engineering Mechanics. Rheology. Combustion Controls.

Polymers. Macromolecules: Synthesis and Structure. Polymer Chemistry. Polymer Physics. Polymer Characterization. Polymer Evaluation and Testing. Applied Polymer Standards and Research. Dental Research.

Metallurgy. Engineering Metallurgy. Microscopy and Diffraction. Metal Reactions. Metal Physics. Electrolysis and Metal Deposition.

Inorganic Solids. Engineering Ceramics. Glass. Solid State Chemistry. Crystal Growth. Physical Properties. Crystallography.

Building Research. Structural Engineering. Fire Research. Mechanical Systems. Organic Building Materials. Codes and Safety Standards. Heat Transfer. Inorganic Building Materials. Metallic Building Materials.

Applied Mathematics. Numerical Analysis. Computation. Statistical Engineering. Mathematical Physics. Operations Research.

Data Processing Systems. Components and Techniques. Computer Technology. Measurements Automation. Engineering Applications. Systems Analysis.

Atomic Physics. Spectroscopy. Infrared Spectroscopy. Solid State Physics. Electron Physics. Atomic Physics. Instrumentation. Engineering Electronics. Electron Devices. Electronic Instrumentation. Mechanical Instruments. Basic Instrumentation.

Physical Chemistry. Thermochemistry. Surface Chemistry. Organic Chemistry. Molecular Spectroscopy. Molecular Kinetics. Mass Spectrometry.

Office of Weights and Measures.

BOULDER, COLO.

Cryogenic Engineering Laboratory. Cryogenic Equipment. Cryogenic Processes. Properties of Materials. Cryogenic Technical Services.

CENTRAL RADIO PROPAGATION LABORATORY

Ionosphere Research and Propagation. Low Frequency and Very Low Frequency Research. Ionosphere Research. Prediction Services. Sun-Earth Relationships. Field Engineering. Radio Warning Services. Vertical Soundings Research.

Radio Propagation Engineering. Data Reduction Instrumentation. Radio Noise. Tropospheric Measurements. Tropospheric Analysis. Propagation-Terrain Effects. Radio-Meteorology. Lower Atmosphere Physics.

Radio Systems. Applied Electromagnetic Theory. High Frequency and Very High Frequency Research. Modulation Research. Antenna Research. Navigation Systems.

Upper Atmosphere and Space Physics. Upper Atmosphere and Plasma Physics. Ionosphere and Exosphere Scatter. Airglow and Aurora. Ionospheric Radio Astronomy.

RADIO STANDARDS LABORATORY

Radio Physics. Radio Broadcast Service. Radio and Microwave Materials. Atomic Frequency and Time-Interval Standards. Millimeter-Wave Research.

Circuit Standards. High Frequency Electrical Standards. Microwave Circuit Standards. Electronic Calibration Center.







